



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

INDEX

TO THE

PHILOSOPHICAL TRANSACTIONS

FOR THE YEAR 1844.

A.

Analysis, on a general method in, 225. A. Preliminary theorems, 228. B. § 1. Theory of linear differential equations, 232. B. § 2. On the solution of linear differential equations by series, 234. B. § 3. On the solution of linear partial differential equations by series, 240. C. § 1. On the integration of linear differential equations in finite terms, 244. C. § 2. Some illustrations of a more general method of resolution, 257. D. § 1. Theory of series and of generating functions, 261. D. § 2. On the theory of generating functions as connected with equations of differences, 266. D. § 3. On the theory of generating functions as connected with equations of partial differences, 268. E. Application of the theory of series to the evaluation of certain definite integrals, 270. F. § 1. Theory of equations of finite differences, 276. F. § 2. On the solution of equations of finite differences in series, 277. F. § 3. On the solution of equations of differences in finite terms, 279. Postscript, 282.

ANDREWS (THOMAS, M.D.). On the thermal changes accompanying basic substitutions, 21.

Animal heat, miscellaneous observations on, 57. I. On the temperature of the Pelamides, *ibid.* II. On the temperature of Man in advanced age, 59. III. On the effect of air of different temperatures on animal heat, 61. IV. On the effect of exercise on the temperature of the body, 62.

B.

BAKERIAN LECTURE, 65.

Belemnites, a description of certain, preserved, with a great proportion of their soft parts, in the Oxford clay, at Christian-Malford, Wilts, 65.

BOOLE (GEORGE, Esq.). On a general method in analysis, 225.

D.

DANIELL (J. FREDERIC, Esq., D.C.L.). Additional researches on the electrolysis of secondary compounds, 1.

DAVY (JOHN, M.D.). Miscellaneous observations on animal heat, 57.

Differences, equations of, on the theory of generating functions as connected with, 266.

———— *equations of partial*, on the theory of generating functions as connected with, 268.

———— *finite*, theory of equations of, 276.

————, on the solution of equations of, in series, 277.

————, on the solution of equations of, in finite terms, 279.

Differential equations, linear, theory of, 232.

_____, on the solution of, by series, 234.

_____, on the solution of partial, by series, 240.

_____, on the integration of, in finite terms, 244.

_____, illustrations of a general method of resolution, 257.

E.

Electrical and chemical actions which take place before and after completion of the voltaic circuit, an account of some experiments to test the relation of the, 39.

Electrolysis of secondary compounds, additional researches on, 1.

Entozoon folliculorum, a newly discovered parasitic animalcule of the human skin, researches into the structure and development of, 305.

F.

FOWNES (GEORGE, Esq.). On the existence of phosphoric acid in rocks of igneous origin, 53.

Functions, generating, theory of, 261.

_____, as connected with equations of differences, 266.

_____ of partial differences, 268.

G.

GASSIOT (JOHN P., Esq.). A description of an extensive series of the Water Battery; with an account of some experiments made in order to test the relation of the electrical and chemical actions which take place before and after the completion of the voltaic circuit, 39.

H.

Heat, Animal, miscellaneous observations on, 57. I. On the temperature of the Pelamides, *ibid.*

II. On the temperature of Man in advanced age, 59. III. On the effect of air of different temperatures on animal heat, 61. IV. On the effect of exercise on the temperature of the body, 62.

I.

Integrals, Definite, application of the theory of series to the evaluation of certain, 270.

Insecta, on the reproduction of lost parts in, 288.

M.

Magnetism, Terrestrial, contributions to. No. VI. Observations made on board Her Majesty's Ships Erebus and Terror, from June 1841 to August 1842, in the Antarctic Expedition under the command of Captain Sir JAMES CLARK ROSS, R.N., F.R.S., 87. Deduction of the constants *a* and *b* in the corrections for the ship's attraction, 88. Deduction of the corrections, on account of the ship's attraction, for the observations of Inclination, 90. Index correction, 99. Observations of the Inclination, with needles whose poles were reversed, made at Garden Island, Sydney, 100; at the Bay of Islands, New Zealand, *ibid*; on the ice, 101; at

the Magnetic Observatory at Port Louis, in the Falkland Islands, *ibid.* Elements of calculation of the intensity observations, 107. General remarks, 116. Note by Mr. ARCHIBALD SMITH, 117*. General Table of the Declinations observed on board Her Majesty's Ships Erebus and Terror, between May 1841 and August 1842, 120. General Table of Inclinations, 122. General Table of the Intensity of the Magnetic Force, from the observations, 125. Declinations observed on board Her Majesty's Ship Erebus, between June 1841 and August 1842, 127; on board Her Majesty's Ship Terror, 141. Observations of the Inclination made on board Her Majesty's Ship Erebus, between April 1841 and August 1842, 151; on board Her Majesty's Ship Terror, 169. Observations of the Intensity of the Magnetic Force, made on board Her Majesty's Ship Erebus, between April 1841 and August 1842, 196; on board Her Majesty's Ship Terror, 204.

Man, on the temperature of, in advanced age, 59.

MILLER (W. A., Esq., M.D.). Additional researches on the electrolysis of secondary compounds, 1.

Myriapoda and Insecta, on the reproduction of lost parts in, 283. *Myriapoda*, 284. *Insecta*, 288.

N.

Nebulæ, observations on some of the, 321.

NEWPORT (GEORGE, Esq.). On the reproduction of lost parts in *Myriapoda* and *Insecta*, 283.

O.

OWEN (RICHARD, Esq.). A description of certain Belemnites, preserved, with a great proportion of their soft parts, in the Oxford clay, at Christian-Malford, Wilts, 65.

P.

Pelamides, on the temperature of the, 57.

Phosphoric acid, on the existence of, in rocks of igneous origin, 53.

R.

ROSS (Captain Sir JAMES CLARK, R.N.). Observations made on board Her Majesty's Ships Erebus and Terror, from June 1841 to August 1842, in the Antarctic Expedition under the command of, 87.

ROSSE (the Earl of). Observations on some of the *Nebulæ*, 321.

S.

SABINE (Lieut.-Colonel EDWARD, R.A.). Contributions to terrestrial magnetism, No. VI., 87.

Series, theory of, 261. Application of to the evaluation of certain definite integrals, 270.

SIMON (JOHN, Esq.). On the comparative anatomy of the thyroid gland, 295.

T.

Temperature of Man in advanced age, on the, 59.

————— *of the Pelamides*, on the, 57.

————— *of the Body*, on the effects of exercise on the, 62.

Thermal changes accompanying basic substitutions, on the, 21.

Thyroid Gland, on the comparative anatomy of the, 295. 1. Birds, *ibid.* 2. Reptiles, 296.
3. Fishes, 299.

W.

Water Battery, a description of an extensive series of the, 39.

WILSON (ERASMUS). Researches into the structure and development of a newly discovered parasitic animalcule of the human skin—the *Entozoon folliculorum*, 305.

LONDON:

PRINTED BY RICHARD AND JOHN E. TAYLOR,
RED LION COURT, FLEET STREET.

P R E S E N T S

RECEIVED BY

T H E R O Y A L S O C I E T Y,

WITH THE

NAMES OF THE DONORS.

From June 1842 to November 1843.

PRESENTS.

DONORS.

ACADEMIES and SOCIETIES.

Berlin :—

Transactions of the Royal Academy of Sciences for 1840. 4to. *Berlin* 1842.
Proceedings of the Royal Academy of Sciences of Berlin, April 1842 to
March 1843. 8vo. *Berlin* 1842.

The Academy.

Birmingham Philosophical Institution—the Report presented by the Com-
mittee of Managers to the Annual General Meeting, held Oct. 26, 1842,
with the List of Patrons, Trustees and Members; the Meteorological
Journal kept at the Institution, &c. 8vo. *Birmingham* 1842.

The Managers of the Insti-
tution.

Bologna :—Novi Commentarii Academiae Scientiarum Instituti Bononiensis.
Tomus Quintus. 4to. *Bononiae* 1842.

The Institute.

Boston Society of Natural History :—Journal of Natural History, Vol. IV.
No. 2. 8vo. *Boston* 1842.

The Society.

Brussels :

Nouveaux Mémoires de l'Académie Royale des Sciences et Belles Lettres.
Tome XV. 4to. *Bruxelles* 1842.

The Academy.

Bulletin des Séances. Tome IX. Nos. 3 à 9. 8vo. *Bruxelles* 1842.

The Academy.

Cambridge :—Transactions of the Philosophical Society. Vol. VII. Part 3.
4to. *Cambridge* 1842.

The Society.

Cornwall :—Polytechnic Society—Ninth Annual Report. 1841. 8vo. *Fal-
mouth*.

The Society.

Dublin :—

Royal Irish Academy Transactions. Vol. XIX. Part 2. 4to. *Dublin* 1843.
————— Proceedings. Vol. I. and Part 5. 8vo. *Dublin* 1841.

The Academy.

Edinburgh :—

Royal Society Transactions, Vol. XV. Part 2. 4to. *Edinburgh* 1842.
————— Proceedings, Nos. 19 and 20. 1841–42. 8vo. *Edinburgh*.

The Society.

Glasgow :—Proceedings of the Philosophical Society. 4th Session, 1841–2.
8vo. *Glasgow* 1842.

The Society.

Haarlem :—

Mémoires de la Société Hollandaise des Sciences. Tome II. 2^{me} série. 4to.
Haarlem 1842.

The Society.

Extrait du Programme de la Société Hollandaise des Sciences à Haarlem,
pour l'année 1842. (2 copies.) Folio sheets.

PRESENTS.

DONORS.

ACADEMIES and SOCIETIES (*continued*).

Lisbon :—

Memoirs of the Royal Academy of Sciences, Vol. XII. Part 2. 4to. *Lisbon* 1839. The Academy.

Discourse delivered on the 22nd January 1843, at the public meeting of the Academy of Sciences of Lisbon. By J. J. de Costa de Macedo. 4to. *Lisbon* 1843. ———

London :—

Agricultural Society (Royal). Journal, Vol. III. Parts 2, 3. Vol. IV. Part 1. 8vo. *London* 1843. The Society.

Astronomical Society. Memoirs, Vol. XII. XIII. and XIV. 4to. *London* 1842. The Society.

————— Proceedings, Nos. 25 and 26. 8vo. *London* 1842. ———

Asiatic Society of Great Britain. Journal, No. 13. 8vo. *London* 1842. The Society.

————— List of Members, Committees, &c. of 8vo. *London* 1842. ———

British Association. Report of the Twelfth Meeting, held at Manchester in June 1842. 8vo. *London* 1843. The Association.

————— Report of the Meeting held at Liverpool in September 1837, Vol. VI. 8vo. *London* 1838. ———

Civil Engineers, Minutes of Proceedings of, for the Session of 1842. 8vo. *London* 1842. The Institution.

Electrical Society. Proceedings, Parts 5—8. 8vo. *London* 1842 and 1843. The Society.

Entomological Society. Transactions, Vol. III. Parts 2 and 3. 8vo. *London* 1841—42. The Society.

Geographical Society of London. Journal, Vol. III. and Vol. V. Part 1, 1833—35, Vol. XI. Part 2, 1841. Vol. XII. Parts 1 and 2. 8vo. *London* 1842. The Society.

Geological Society. Transactions, Second Series, Vol. VI. Part 2. 4to. *London* 1842. The Society.

————— Proceedings, Nos. 77 to 92, with Title and Index to Vol. III. as also a List of Members. 8vo. *London* 1842. ———

Linnæan Society. Transactions, Vol. XIX. Part 1. 4to. *London* 1842. The Society.

————— Proceedings, Nos. 13 and 14. 8vo. *London* 1842. ———

Numismatic Society. Numismatic Chronicle and Journal, No. 20. Edited by John Yonge Ackerman, F.S.A. 8vo. *London* 1843. The Society.

Royal Institute of British Architects of London. Transactions, Vol. I. Part 2. 4to. *London* 1842. The Royal Institute.

Society of Arts. Transactions, Vol. LIII. Part 2. 8vo. *London* 1841. The Society.

Statistical Society of London. Journal, Vol. V. Parts 2, 3. Vol. VI. Part 1. 8vo. *London* 1843. The Society.

Zoological Society :—Transactions, Vol. III. Part 1. The Society.

————— Proceedings, Part VIII. 1840. and Nos. 109 to 119. ———

————— Reports of the Council and Auditors, read at the Annual General Meeting, April 29, 1843, with a List of Members. 8vo. *London* 1843. ———

Lyons :—Société Royale d'Agriculture, etc. Annales des Sciences Physiques et Naturelles, d'Agriculture et d'Industrie. Tomes I., II. et III. royal 8vo. *Lyons* 1838—40. The Society.

PRESENTS.	DONORS.
ACADEMIES and SOCIETIES (<i>continued</i>).	
Modena:—Memoirs of the Italian Society. Vol. XXII. Physical section. 4to. <i>Modena</i> 1841.	The Society.
Moscow:—	
Bulletin de la Société Impériale des Naturalistes de Moscou. Nos. 2, 3, 4, pour 1841, et 1 à 4, pour 1842. 8vo. <i>Moscou</i> 1841–2.	The Society.
Liste des Membres de la Société Impériale des Naturalistes de Moscou. 1842. 12mo. <i>Moscou</i> 1842.	—————
Munich:—	
Transactions of the Royal Academy of Sciences. Philosophical class. Vol. III. Part 2. 4to. <i>München</i> 1841.	The Society.
Literary Notices of the same. Vols. XII., XIII., XIV. and XV. 4to. <i>München</i> 1841.	—————
Naples:—Report of the Meetings and Labours of the Academy of Sciences. Nos. 1 and 2. 1842. 4to. <i>Naples</i> 1842.	The Academy.
Paris:—	
Académie Royale des Sciences. Comptes Rendus Hebdomadaires des Séances. Tome XIV. Nos. 22 à 26 et Tome XV. Nos. 1 à 8, 9 à 26. 2 ^{me} Semestre. 1842. et 1 à 9. Tom. XVI. 4to. <i>Paris</i> 1842.	The Institute of France.
Institut Royal. Mémoires de l'Académie des Inscriptions et Belles Lettres. Tome XV. 4to. <i>Paris</i> 1842.	—————
Mémoires, Morales et Politiques de l'Institut de France. Tome I. Savants Étrangers. 4to. <i>Paris</i> 1841.	The Institute.
Mémoires, Morales et Politiques de l'Institut de France. Tome III. 4to. <i>Paris</i> 1841.	—————
Mémoires présentés par Divers Savants. Sciences Mathématiques et Physiques. Tome VII. 4to. <i>Paris</i> 1841.	—————
Mémoires. Tome XVIII. 4to. <i>Paris</i> 1842.	—————
Notices et Extraits des Manuscrits de la Bibliothèque du Roi et autres Bibliothèques, publiés par l'Institut Royale de France, faisant suite aux notices et extraits lus au Comité établi dans l'Académie des Inscriptions et Belles Lettres. Tome XIV. Part 2. 4to. <i>Paris</i> 1841.	—————
Société de Géographie, Bulletin, 2 ^{me} série. Tome XVI. 8vo. <i>Paris</i> 1841.	The Society.
Société Géologique, Bulletin; Table des matières et des auteurs pour le XII ^{me} volume. 8vo. <i>Paris</i> 1840 à 1841.	The Society.
————— Tom. XIII., XIV. 8vo. <i>Paris</i> 1842 à 1843.	—————
Société de Physique et d'Histoire Naturelle de Genève, Mémoires. Tome IX ^{me} . 4to. <i>Genève, Paris</i> 1842.	The Society.
Philadelphia:—	
American Philosophical Society Transactions. Vol. VIII. New series. Part 1. 4to. <i>Philadelphia</i> 1841.	The Society.
————— Proceedings, Nos. 20 to 23. 8vo. <i>Philadelphia</i> 1841–1842.	—————
Siena:—Transactions of the Academy of Sciences. Vol. X. 4to. <i>Siena</i> 1841.	The Society.
Stockholm:—	
Transactions of the Royal Academy of Sciences of Sweden for 1840. 8vo. <i>Stockholm</i> 1842.	The Academy.
Report upon the State of Technology, by G. E. Pasch, for 1840. 8vo. <i>Stockholm</i> 1841.	—————

PRESENTS.

DONORS.

ACADEMIES and SOCIETIES (*continued*).

- Report upon the State of Chemistry and Physic for 1840, by J. Berzelius. 2 vols. 8vo. *Stockholm* 1840. The Academy.
- Report upon the works published in Zoology between 1837 and 1840, by C. J. Sundewall. 8vo. *Stockholm* 1841. ———
- Speech delivered before the Royal Academy of Sweden, by A. Anckarswärd, the 6th of April 1842. 8vo. *Stockholm* 1842. The Author.
- Washington :—Bulletin of the Proceedings of the National Institution for the Promotion of Science established at Washington in 1840. Vol. I. Nos. 1 and 2. 1842. 8vo. *Washington* 1841–1842. The Institution.
The Institution.
- AIKINSON (JOS.) Results of further Experiments on Shape and Situation of Rain-Gauges. 8vo. *Harraby* 1843. The Author.
- AIRY (G. B.) On the Tides and Waves : from the Encyclopædia Metropolitana. 4to. *London*. The Author.
- AKERMAN (J. Y.) The Forgeries of Public Money, being the substance of a Lecture delivered before the Numismatic Society, April 23, 1843. 8vo. *London* 1843. The Author.
- ANONYMOUS :—
- Academy of Cimento, Florence. Essays and Experiments in Natural Philosophy, preceded by the history of the Academy. 4to. *Firenze* 1841. His Imperial and Royal Highness the Grand Duke of Tuscany.
- Annuaire pour l'an 1842, présenté au Roi par le Bureau des Longitudes. 2^e édition augmentée de notices scientifiques : par M. Arago. 12mo. *Paris* 1842.
- A Transcript of a Treatise on Algorism or Arithmetic, from the unique MS. of the 15th century, preserved in the Public Library of the University of Cambridge. 4to. MS. James O. Halliwell, Esq.,
F.R.S.
- A Theory of the Structure of the Sidereal Heavens, including an explanation of the phenomena of the via lactea and nebulae, founded on a new astronomical doctrine ; being a general explanation of the astral collocations upon geometrical principles, with plates of illustration. Part the First. 4to. *London* 1842. The Author.
- Archives du Muséum d'Histoire Naturelle, publiées par les Professeurs-Administrateurs de cet établissement : Tome I. 2^{me}, 3^{me} et 4^{me} Livraisons ; Tome II. 1^{re}, 2^{me} et 3^{me} Livraisons. Tome III. Livraisons 1, 2. 4to. *Paris* 1839–1841. The Museum.
- Bibliothèque de M le Baron Silvestre de Sacy. 8vo. *Paris* 1842. Messrs. Dulau & Co.
- Bulletin des Séances de la Société Vaudoise des Sciences Naturelles : No. 1 à 4. 8vo. Prof. Wartmann.
- Catalogue of the Fellows, Candidates and Licentiates of the Royal College of Physicians of London for 1842. 8vo. *London* 1842. The College.
- Catalogue of the Manuscript Music in the British Museum. 8vo. *London* 1842. The Trustees.
- Catalogue of the Library of the Royal Astronomical Society, February 1838. 8vo. *London* 1838. The Society.
- Catalogue des Livres, Dessins et Estampes de la Bibliothèque de feu M. S. B. Huzard, 3 Tomes. 8vo. *Paris* 1842. M. L. Bouchard.
- Catalogue de 514 Étoiles doubles et multiples découvertes sur l'hémisphère céleste boréal par la grande lunette de l'observatoire central de Poulkova, et Catalogue de 256 Étoiles doubles principales où la distance des composantes The author.

PRESENTS.

DONORS.

ANONYMOUS (*continued*).

- est de 32 secondes à 2 minutes et qui se trouvent sur l'hémisphère boréal, par W. Struve. folio. *St. Pétersbourg* 1843.
- Chemical Experiments made in the Laboratory of the Utrecht High School. Parts 3 and 4. 8vo. *Rotterdam* 1842. The Editors.
- China, in a series of views displaying the scenery, architecture, social habits, &c. of this ancient and exclusive Empire, by Thomas Allom, Esq., with historical and descriptive notices by the Rev. G. N. Wright, M.A. Parts 1 to 8. 4to. *London*. The Publishers.
- Collection of Notices respecting the History and Geography of the Ultramarine Nations subjected to the Portuguese, Vol. VII. 4to. *Lisbon* 1841. The Royal Academy of Sciences, Lisbon.
- Connaissance des Temps ou des Mouvements Célestes, à l'usage des Astronomes et des Navigateurs pour 1843, 1844 et 1845; publiée par le Bureau des Longitudes. 8vo. *Paris* 1840-1842. The Board of Longitude of Paris.
- Conjectures sur l'Apparition insolite de la Comète de Mars 1843 et sur la Nature des Comètes en général; par M. le C. de M. 8vo. *Tours* 1843. The Author.
- Description of the Skeleton of an extinct gigantic Sloth, *Myiodon robustus*, with observations on the osteology, natural affinities, and probable habits of the Megatherioid quadrupeds in general. By Richard Owen, F.R.S., &c. published by direction of the Council of the Royal College of Surgeons. 4to. *London* 1842. The Council of the Royal College of Surgeons.
- Description of the Collection of Ancient Marbles in the British Museum, with Engravings. Part 9. 4to. *London* 1842. The Trustees of the British Museum.
- Distribution of Prizes in the City of Paris, on the subject of Peace; President the Marquis de la Rochefoucauld Liancourt. 8vo. *London* 1842. Dr. John Lee, F.R.S.
- Epitome of the MS. found at Herculaneum by Lorenzo Blanco, Studying Interpreter in the Royal Office of Papyri. 12mo. *Naples* 1841. The Author.
- Essai sur les Divisions Impaires de l'Angle par la Géométrie Plane. Baron T.F.D. d'Attel Lutange.
- sur la Duplication du Cube par la Géométrie Plane. —
- de Quadrature du Cercle par la Géométrie Plane. —
- Considérations sur la Solution des trois Problèmes précédents. 8vo. Professor Quetelet, Foreign Member R.S.
- Etat de l'Instruction primaire en Belgique. Rapport décennal présenté aux Chambres législatives, le 28 Janvier 1842. Par M. le ministre de l'intérieur. 8vo. *Bruxelles* 1842.
- Examination Papers for the various degrees conferred by the University of London for the year 1842. 8vo. *London* 1842. The University of London.
- Explication de la Carte Géologique de la France, rédigée sous la direction de M. Brochant de Villiers inspecteur général des Mines: par MM. Dufrénoy et Elie de Beaumont. Tome I. avec une Carte. 4to. *Paris* 1841. The Authors.
- Eulogy of Count John Paradisi, written by the Associate and Secretary Antonio Lombardi. 4to. *Modena* 1841. The Academy of Sciences, Modena
- Fourth Annual Report of the Registrar-General of Births, Deaths and Marriages, in England. Presented to both Houses of Parliament by command of Her Majesty. (2 Copies.) Folio. *London* 1842. The Registrar-General.
- Investigation upon the Survey of the Coast of the United States, and the Construction of Standards of Weight and Measure, by a select Committee of Congress, in 1842: published by F. R. Hassler. 8vo. *Philadelphia* 1843. The Publisher.
- List of Additions to the Manuscripts in the British Museum in the years 1836-1840. 8vo. *London* 1843. The Trustees of the British Museum.

PRESENTS.

DONORS.

ANONYMOUS (*continued*).

List of Additions to the Natural History, Antiquities and Prints of the British Museum in the years 1836–1839. 8vo. *London* 1843.

Lithographed Signatures of the Members of the British Association for the Advancement of Science, who met at Cambridge, June 1833, with a Report of the Proceedings at the public Meetings during the week; and an Alphabetical List of the Members. 4to. *Cambridge* 1833.

MASON'S Hygrometer. A table for obtaining the Dew-point and Moisture by inspection, the degree of the dry bulb being at the head of the column, and that of the wet bulb at the side: opposite the latter will be found the dew-point and moisture: by William Bone, Esq. 8vo. *London* 1843.

Mean results of the Thermometer, and the quantity of Rain for 1842, at Alford, about lat. $57^{\circ} 13' N.$, 420 feet above the level of the sea, and twenty-six miles inland from the sea at Aberdeen. Also, the number of fair days, and of days on which rain or snow fell, more or less: by the Rev. James Farquharson, M.A., F.R.S. A single slip. 12mo.

Metropolis. Summary of the Weekly Tables of the Mortality, for 1842. Large folio sheet.

Ordnance Survey. Astronomical Observations made with Ramoden's Zenith Sector, together with a Catalogue of the Stars which have been observed, and the amplitudes of the celestial arcs, deduced from the observations at the different stations: published by order of the Board of Ordnance. 4to. *London* 1842.

Observations Météorologiques faites à Nijné-Taguilok et à Vicimo-Outkinsk (Monts Oural), Gouvernement de Perm, année 1841. 8vo. *Paris* 1842.

Reply to Accusations upon the Priority of certain Discoveries by Sig. Professor Majocchi, addressed to Prof. Zantedeschi. 4to. *Vicenza* 1843.

Report of a Committee of the British Association for the Advancement of Science, on the Vital Statistics of Large Towns in Scotland (from the Report of the British Association for 1842). 8vo. *London* 1843.

Report on the Geology of the County of Londonderry and of parts of Tyrone and Fermanagh, examined and described under the authority of the Master General and Board of Ordnance, by J. E. Portlock, F.R.S., Captain R.E. 8vo. *Dublin and London* 1843.

Rules and Regulations for the Government of the Athenæum, for 1842. 12mo. *London* 1842.

Select Papyri in the Hieratic Character, from the Collections of the British Museum. fol. *London* 1842.

Six Lectures on Arithmetic; containing a Familiar Explanation of the Principles and Rationale of the General Rules of Arithmetic: designed for the Use of Normal Schools, &c.; by the Author of the New Introduction to the Mathematics, &c. 12mo. *London* 1842.

Some Remarks from the Editorial Columns of the *Lancet* of October 15, 1842, relating to an article by T. Wharton Jones, F.R.S., on the Corpuseles of the Blood. 8vo. *London* 1842.

Sur les Travaux récents qui ont eu pour objet l'Étude de la Vitesse de Propagation de l'Électricité. 8vo. *Genève*.

The Certainty of the Origin of Evil in the World. By a Layman. 8vo. *London* 1842.

The Trustees of the British Museum.

The Association.

The Author.

The Author.

The Registrar-General.

The Master General of the Ordnance, F.R.S.

The "Dépôt de la Marine."

The Author.

Lieut.-Col. W. H. Sykes, F.R.S.

The Master General of the Ordnance.

The Committee.

The Trustees of the British Museum.

The Author.

Dr. Martin Barry, F.R.S.

Prof. Wartmann.

The Rt. Hon. Sir Edward Hyde East, Bart., F.R.S.

PRESENTS.

DONORS.

ANONYMOUS (*continued*).

Twenty-ninth Annual Report of the Council of the Royal Geological Society of Cornwall, with the President's Address, and Papers and Notices read to the Society. 8vo. *Penzance* 1842.

The Nautical Almanac and Astronomical Ephemeris, for 1846: published by Order of the Lords Commissioners of the Admiralty. 8vo. *London* 1842.

Voyages de la Commission Scientifique du Nord pendant les années 1835, 1836, 1838, 1839 et 1840: publiés par Ordre du Roi sous la Direction de M. Paul Gaimard, Président de la Commission. 8vo. *Paris*.

ARGELANDER (F. W. A.) Academical Dissertation upon the Fidelity of Bayer's Uranometria. 4to. *Bonn* 1842.

ART, WORKS OF.

An engraved portrait of Sir Isaac Newton. from a painting by Vanderbank in the year 1726, which painting was lately presented to the Royal Society by Charles Vignolles, Esq.

A proof impression of the New London Bridge, engraved from the original drawing presented to the Institution of Civil Engineers, by B. Albano. *Large sheet*.

Impression taken under the superintendence of Messrs. Mitchell, Heaton and Mitchell, Printers, Duke Street, Liverpool, at the identical Press at which Dr. Franklin worked in London as a Journeyman in the years 1725-1726 (in a frame). The Twelve Rules laid down by Benjamin Franklin, in his youth for his self-government.

Specimen de l'Imprimerie de Bachelier, Rue du Jardinnet, 12. 4to. *Paris* 1842.

ATKINSON (Jos.) A Tabular View of the yearly Quantity of Rain which falls in the different parts of Great Britain. folio sheet.

BACHMAN (Rev. Jno.) Description of a New Species of Quadrupeds inhabiting North America, by J. J. Audubon, Esq., and the Rev. John Bachman, D.D. 8vo.

BAILY (Sam.) A Letter to a Philosopher in reply to some recent attempts to vindicate Berkeley's Theory of Vision, and in further elucidation of its unsoundness. 8vo. *London* 1843.

BATEMAN (Jas.) The Orchidaceæ of Mexico and Guatemala. folio. *Lond.*

BEAMISH (N. L.) Address delivered to the Cork Scientific and Literary Society, at the opening of the Session, October 6, 1842. 8vo. *Cheltenham*.

BENNETT (J. H.) On the Parasitic Fungi found growing in Living Animals. 4to. *Edinburgh* 1842.

BERNARD (C. A.) Les Bains de Brousse, en Bithynie (Turquie d'Asie), avec une vue des bains et un des environs de Brousse. 8vo. *Constantinople* 1842.

BESSEL (F. W.) Astronomical Investigations, Part 2. 4to. *Königsberg* 1842.

BINET (M. J.) Mémoire sur la Variation des Constantes Arbitraires dans les Formules Générales de la Dynamique et dans un Système d'Équations analogues plus étendues. 4to. *Paris* 1841.

————— Mémoires sur les Intégrales définies Eulériennes; et sur leur application à la théorie des suites, ainsi l'évaluation des fonctions de grands nombres. 4to. *Paris* 1840.

BLANCO (L.) Sennografia of the Papyri of Herculaneum. 8vo. *Naples* 1842.
————— Determination of some Archæological Questions. 8vo. *Naples* 1842.

Sir Charles Lemon, Bart.,
F.R.S.

Lieut. Stratford, F.R.S.

The Publishers.

The Author.

Mr. John D. Robertson,
Assist. Sec. R.S.

B. Albano, Esq.

W. Vaughan, Esq., F.R.S.

The Publisher.

The Author.

The Authors.

The Author.

The Author.

The Author.

The Author.

The Author.

The Author.

The Author.

The Author.

PRESENTS.	DONORS.
BOLZANO (B.) Essay upon an objective fundamental Doctrine of the Combination of Powers. 4to. <i>Prag</i> . 1842.	The Author.
BONAPARTE (Charles Luciano Principe.) Observations upon the State of Zoology, as far as regards vertebrated animals, during the years 1840 and 1841. 8vo. <i>Firenze</i> 1842.	The Author.
BÖTTICHER (C.) School of Ornamental Design, a course of study for drawing and designing ornaments. Oblong folio. <i>Berlin</i> 1838.	The Author.
BROWN (Thos.) The Reminiscences of an Old Traveller throughout different parts of Europe, including historical details of the Russian Empire, and anecdotes of the Court. 8vo. <i>Edinburgh</i> 1843.	The Author.
BUQUOY (G. G. von.) Prodromus of a new and improved mode of stating the higher Analytical Dynamics, Part 1. 4to. <i>Prag</i> . 1842.	The Author.
BURGE (Wm.) The Temple Church; an account of its restoration and repairs. 8vo. <i>London</i> 1843.	The Author.
BURGGRAVE (A.) Études sur André Vésale, précédées d'une notice historique sur sa vie et ses écrits; ouvrage publié sous le patronage des médecins Belges. 8vo. <i>Gand</i> 1841.	The Author.
CANTON (T.) General Features of Chusan, with remarks on the Flora and Fauna of that island. 8vo. <i>London</i> 1842.	The Author.
CASTELNAU (F. de.) Vues et Souvenirs de l'Amérique du Nord, livraison 1—3. 4to. <i>Paris</i> 1842.	The Author.
CAUCHY (A.) Exercices d'Analyse et de Physique Mathématique, livraisons 13—18 de Tome II. 1841. 4to. <i>Paris</i> 1841.	The Author.
CERQUERO (José Sanchez.) The Nautical and Astronomical Ephemeris, made at the Observatory of St. Fernando, for the years 1840, 1841, 1842, 1843 and 1844. 4to. <i>Madrid</i> 1837—1841.	The Author.
CHASLES (M.) Histoire de l'Algèbre.—I. Sur l'époque où l'Algèbre a été introduite en Europe.—II. Sur les expressions Res et Census, et sur le nom de la science, Algebra et Almuchabala. 4to. <i>Paris</i> 1841.	The Author.
————— Note sur la Nature des Opérations Algébriques (dont la connaissance a été attribuée, à tort, à Fibonacci). 4to. <i>Paris</i> 1841.	—————
CHATELAIN (Le Chevalier.) Les Glorieuses, ou deux Fêtes et deux Victoires. 8vo. <i>London</i> 1843.	The Author.
————— La Bienfaisance, Poème. 8vo. <i>London</i> 1843.	—————
CLARK (Sir James.) Remarks on Medical Reform; in a second letter addressed to the Right Hon. Sir James Graham, Bart. 8vo. <i>London</i> 1843.	The Author.
CLAY (Chas.) Cases of Peritoneal Section, for the Extirpation of Diseased Ovaria by the large Incision from Sternum to Pubes, successfully treated. 4to. <i>London</i> 1842.	The Author.
CRICHTON (Sir Alexander.) Commentaries on some doctrines of a dangerous tendency in Medicine, and on the general principles of safe practice. 8vo. <i>London</i> 1842.	The Author.
CREUZE (A.) Papers on Naval Architecture, and other subjects connected with Naval Science: conducted by Wm. Morgan and Augustin Creuze. 3 vols. and No. 13. 8vo. <i>London</i> 1829—1832.	Augustin Creuze, Esq., F.R.S.
DANIELL (J. F.) An Introduction to the study of Chemical Philosophy; being a preparatory view of the forces which concur to the production of Chemical Phenomena (second edition). 8vo. <i>London</i> 1843.	The Author.
DAUBENY (Chas.) Sketch of the Writings and Philosophical Character of	The Author.

PRESENTS.

DONORS.

- Augustin Pyramus de Candolle, Professor of Natural History at the Academy of Geneva. 8vo. *Edinburgh* 1843.
- DAUBENY (Chas.) On the Public Institutions for the advancement of Agricultural Science which exist in other countries, and on the plans which have been set on foot by individuals with a similar intent in our own. 8vo. *London* 1842.
- Lecture on the application of Science to Agriculture, delivered before the Members of the Royal Agricultural Society of England on the 9th December 1841. 8vo. *London* 1842.
- DAUSSY (M.) Mémoire Descriptif de la Route de Teheran à Meched et de Meched à Jezd, reconnue en 1807; par M. Truilhier, capitaine au Corps du Génie: suivi d'un mémoire sur les observations faites en 1807, par le Capitaine Truilhier, dans son voyage en Perse, accompagné de quatre cartes itinéraires. 8vo. *Paris* 1841.
- Table des Positions Géographiques des principaux Lieux du Globe: extrait de la Connaissance des Temps de 1844. 8vo. *Paris*.
- DAVY (John.) On the Property belonging to Charcoal and Plumbago (in fine plates and particles) of transmitting Light. 4to. *Edinburgh* 1843.
- Notes and Observations on the Ionian Islands and Malta, with some remarks on Constantinople and Turkey, and on the system of Quarantine as at present conducted. 8vo. *London* 1842.
- DEMIDOFF (A de.) Voyage dans la Russie Méridionale et la Crimée, Tome II. et IV., avec des planches. 8vo et fol. *Paris* 1842.
- DE MORGAN (A.) The Differential and Integral Calculus. 8vo. *London* 1842.
- Part II. General Information on subjects of Chronology, Geography, Statistics, &c.
- References for the History of the Mathematical Sciences. 12mo. *London* 1842.
- DENT (E. J.) On the Errors of Chronometers, and explanation of a new construction of the Compensation-Balance. 8vo. *London* 1842.
- On the Errors of the Chronometrical Thermometer. 8vo. *London* 1843.
- DILLWYN (L. W.) Hortus Collinsonianus; an Account of the Plants cultivated by the late Peter Collinson, Esq., F.R.S., arranged alphabetically according to their modern names, from the catalogue of his garden and other manuscripts. Not published. 8vo. *Swansea* 1843.
- DOLLARD (W.) General and Medical Topography of Kalee, Kemaoon and Shore Valley, with sketches of the Cantonments of Lohooghaut and Peto-ragurh, as also of the Roads, Rivers, Bungallows, &c. of part of the District. 8vo. *Calcutta* 1840.
- DOPPLER (C.) On the Coloured Light of Double Stars, and of other Stars of the Heavens. 4to. *Prag*. 1842.
- DOUGLAS (G.) An Anatomical Exposition of the Structure of the Human Body, 2 vols.; by James Benignus Winslow: translated from the French original; 5th edition. 8vo. *Edinburgh* 1763.
- DUTROCHET (M.) Recherches Physiques sur la Force Épipolique, 2^{me} partie. 8vo. *Paris* 1843.
- ELLIS (Alex. J.) The Spirit of Mathematical Analysis, and its relation to a

The Author.

The Author.

The Author.

The Author.

The Author.

The Author.

The Editor.

The Directors of the East India Company.

The Author.

J. C. Carpue, Esq., F.R.S.

The Author.

The Translator.

PRESENTS.

DONORS.

- logical system: by Dr. Martin Ohm; translated from the German. 8vo. *London* 1843.
- ENCKE (J. F.) The Berlin Ephemeris for 1845. 8vo. *Berlin* 1842. The Author.
- ERMAN (A.) Voyage round the Earth, through Northern Asia and the two Oceans, in 1828-1830.—2nd Division. Physical Observations.—Vol. II. Inclination and Intensity, Declination Observations taken at Sea, and Periodical Changes. 8vo. *Berlin* 1841. The Author.
- FARADAY (M.) Chemical Manipulation; being instructions to Students in Chemistry on the methods of performing experiments of demonstration or research with accuracy and success: 3rd edition. 8vo. *London* 1842. The Author.
- FERRARI (Jos.) Medical Statistics of Milan, from the 15th century to the present day. Vol. I. Parts 1 to 12; and Vol. II. Parts 1 to 6. 8vo. *Milan* 1838-1842. The Author.
- Documents referring to the Chemical Statistics of the Hospitals of Italy. 8vo. *Milan* 1842. ————
- FIGEAC (Champollion.) Écriture Démotique Égyptienne. Lettre de M. Champollion Figeac à M. Ch. Lenormant, le 7 Février 1843. 4to. *Paris* 1843. The Author.
- FLOURENS (P.) Recherches sur le Développement des Os et des Dents. 4to. *Paris* 1842. The Author.
- FRANKENHEIM (M. L.) System of Crystals. 4to. *Breslau* 1842. The Author.
- GAVIN (H.) On Feigned and Factitious Diseases, chiefly of Soldiers and Seamen; on the means used to simulate or produce them, and on the best modes of discovering impostors. 8vo. *London* 1843. The Author.
- GIRALDUS (J. A.) Note sur la Terminaison des Bronches (with a plate). 8vo. *Paris* 1839. The Author.
- GOBBI (F.) On the Dependence of the Physical Energy of Population upon the most simple elements of nature, with a special application to the population of Belgium. 4to. *Leipzig and Paris* 1842. The Author.
- GODWIN (G.) Two Letters of certain Marks discoverable on the Stones of various Buildings erected in the Middle Ages; communicated to the Society of Antiquaries. 4to. *London* 1843. The Author.
- A Chapter on Church Building; being comments on some opinions thereon recently published. 12mo. *London*. ————
- Buildings in Belgium. 12mo. *London*. ————
- GOULD (J.) A Century of Birds from the Himalaya Mountains; The Author.
- A Monograph of the Ramphastidæ, or Family of Toucans; and ————
- A Monograph of the Trogonidæ, or Family of Trogons. folio. ————
- The Birds of Australia, Nos. 7, 8, 9, 10, 11. folio. *London* 1842. The Most Honourable the Marquis of Northampton, Pres. R.S.
- GRAVES (T.) Chapters on Roman and Canon Law. 4to. *London*. The Author.
- GRAY (John E.) The Zoology of the Voyage of H.M.S. Sulphur, under the command of Captain Sir Edward Belcher, R.N., C.B., &c. during the years 1836-1842; edited by Richard B. Hinds, Esq., Surgeon attached to the Expedition. (No. 1, Mammalia.) 4to. *London* 1843. The Author.
- Fauna of New Zealand. Materials towards a Fauna of New Zealand, Auckland Island, and Chatham Island. ————
- Notes on the Materials at present existing towards a Fauna of New Zealand. 8vo. ————
- Figures of Molluscous Animals, selected from various ————

PRESENTS.

DONORS.

- Authors : etched for the use of Students, by Maria Emma Gray. Vol. I., with Explanations. 8vo. *London* 1842.
- GRIFFITH (W. P.) Geometrical Proportion of Architecture. Grecian Architecture. Suggestions for the developing the Temples of Greece, by Geometrical Proportion ; forming a sequel to all their harmony and beauty. folio. *London* 1843. The Author.
- HALLIWELL (Jas. O.) The First Sketches of the Second and Third Parts of King Henry the Sixth : edited by James Orchard Halliwell, Esq., F.R.S., &c. 8vo. *London* 1843. The Editor.
- The Foundation Documents of Merton College, Oxford ; collected by James Heywood, F.R.S. : edited by James Orchard Halliwell, Esq., F.R.S. 8vo. *London* 1843. —————
- HANSEN (M.) Explanation of a mode of computing the Absolute Perturbations of the Heavenly Bodies which move in orbits of Elliptical Eccentricity. The Author.
- HANSTEEN (C.) Of the Changes which the Magnetic Rod undergoes, arising both from the variation of Time and Temperature. 4to. *Christiania* 1842. The Author.
- A Periodical Variation of the Horizontal Magnetic Intensity dependent upon the length of the ascending Moon's Nodes. 8vo. 1839. —————
- HARE (Robert.) A Letter to Professor Whewell, in reply to certain allegations and arguments advanced in a pamphlet entitled, A Demonstration that all Matter is heavy. 8vo. *Philadelphia*. The Author.
- An Effort to refute the Arguments advanced in favour of the Existence in the Amphido Salts, or Radicals, consisting, like Cyanogen, of more than one Element. 8vo. *Philadelphia* 1842. —————
- Strictures on Professor Dove's Essay 'On the Law of Storms.' 8vo. *Philadelphia*. —————
- Objections to Mr. Redfield's Theory of Storms, with some strictures upon his reasoning. 8vo. *Philadelphia*. —————
- Additional Objections to Redfield's Theory of Storms. 8vo. *Philadelphia*. —————
- HARRIS (W. Snow.) On the Nature of Thunder Storms ; and on the means of protecting Buildings and Shipping against the destructive effects of Lightning. 8vo. *London* 1843. The Author.
- HASSLER (F. R.) Report upon the Standards of the Liquid Capacity Measures of the system of uniform standards for the United States ; with a description of a new original Barometer, and of the balance for adjusting the half bushels by their weight of distilled water. 8vo. *Washington* 1842. The Author.
- HEMSÖ (J. G. de.) Observations Authentiques sur la Peste du Levant et sur la vertu spécifique de l'huile d'olive contre cette effrayante maladie rédigées pour la seconde réunion scientifique Italienne séant à Turin en Septembre 1840. 8vo. *Florence* 1841. The Author.
- Notice sur la Race de Dromadaires existant dans le Domaine de San Rossore, près de Pise en Toscane. 8vo. *Paris* 1840. —————
- The recent Progress of Geography. 8vo. *Milan* 1841. —————
- HERSCHEL (Sir J. F. W.) On the Action of the Rays of the Solar Spectrum on the Daguerriotype Plate. 8vo. *London* 1843. The Author.

PRESENTS.

DONORS.

- HEYGATE (James.) On Tic Douloureux, or Neuralgia, together with a few cursory remarks on intermittent fever, and its supposed connexion with the former. 8vo. *Edinburgh* 1836.
- HITCHCOCK (E.) Final Report on the Geology of Massachusetts. 2 vols. 4to. *Amherst* 1841.
- HOFLER (C.) Observations on the Causes of the Decline of German Commerce during the sixteenth and seventeenth centuries. 4to. *München* 1842.
- HOGG (J.) A Catalogue of Sicilian Plants; with some remarks on the Geography, Geology, and Vegetation of Sicily. 8vo. *London* 1842.
- HOLTZAPFFEL (C.) Turning and Mechanical Manipulation, intended as a work of general reference and practical instruction, on the Lathe, and the various mechanical pursuits followed by amateurs. 8vo. *London* 1843.
- HOOD (C.) On some peculiar Changes in the internal structure of Iron, independent of and subsequent to the several processes of its manufacture. 12mo. *London* 1842.
- On the Properties and Chemical Constitution of Coal; with remarks on the various methods of increasing its calorific effects, and preventing the loss which occurs during its combustion. 8vo. *London* 1841.
- A Practical Treatise on warming Buildings by Hot Water; and an inquiry into the laws of radiant heat and conducted heat: to which are added, Remarks on Ventilation, and on the various methods of distributing Artificial Heat, and their effects on animal and vegetable physiology. 8vo. *London* 1837.
- HOSKING (W.) Essay and Treatises on the Practice and Architecture of Bridges. 8vo. *London* 1842.
- An Introductory Lecture, delivered at King's College, London, January 24, 1842, on the principles and practice of Architecture. To which are now added a few Notes, and some further remarks on the modern practice of competition. 8vo. *London* 1842.
- HOSKINS (S. Elliott.) Tables for the extemporaneous application of Corrections for Temperature to Barometric Observations, deduced from the tables published in the Report of the Committee of Physics, Royal Society. 8vo. *Guernsey* 1842.
- On the Chemical Discrimination of Vesical Calculi; by E. A. Scharling; translated from the Latin, with an Appendix, containing practical directions for the recognition of Calculi (with plates). 8vo. *London* 1842.
- IRVINE (R. H.) Some Account of the General and Medical Topography of Ajmeer. 8vo. *Calcutta* 1841.
- JACOBI (M. H.) Upon some Electromagnetical Apparatus. Upon my own Electromagnetical Labours in 1841. Description of an improved Voltagometer. A Method for determining the Constants of the Voltaic Chain. Upon the Development of Galvanoplasticks. Notes upon Galvanic Conductors. 8vo. *St. Petersburg* 1841-1842.
- Sur les Remarques de M. Becquerel relatives à ma mesure comparative de l'action de deux Couples Voltaïques, l'un cuivre-zinc, l'autre platine-zinc. 8vo. *St. Petersburg* 1841.
- JAY (W.) War and Peace; the evils of the first, and a plan for preserving the last. 8vo. *London* 1842.
- The Author.
- Edward Everett, Esq.
- The Author.
- The Author.
- The Author.
- The Author.
-
-
- The Author.
-
- The Author.
- The Translator.
- The Directors of the East India Company.
- The Author.
-
- John Lee, F.R.S.

PRESENTS.

DONORS.

- JEFFREYS (J.) Views upon the Statics of the Human Chest, Animal Heat, and Determinations of Blood to the Head. 8vo. *London* 1843. The Author.
- JOHNSON (Cuthbert W.) The Farmer's Encyclopædia and Dictionary of Rural Affairs. 8vo. *London* 1842. The Author.
- JOHNSON (M. J.) Astronomical Observations made at the Radcliffe Observatory, Oxford, in the year 1840. Vol. I. 8vo. *Oxford* 1842. The Radcliffe Trustees.
- JONES (T. W.) Observations on some points in the Anatomy, Physiology and Pathology of the Blood. 8vo. *London* 1842. The Author.
- JOURNALS.
- The Annals of Electricity, Magnetism and Chemistry; and Guardian of Experimental Science. Nos. 45 to 55. Conducted by Wm. Sturgeon. 8vo. *London* 1842-1843. The Editor.
- The "Astronomische Nachrichten." Nos. 447 to 477. 4to. *Altona* 1843. Prof. Schumacher, For. Mem. R.S.
- Athenæum for the year 1842. The Editor.
- The British and Foreign Medical Review, or Quarterly Journal, on Practical Medicine and Surgery. Nos. 27, 28, 29 and 30. Edited by John Forbes, M.D., F.R.S. 8vo. *London* 1843. The Editor.
- The Chemical Gazette; or Journal of Practical Chemistry, in all its applications to Pharmacy, Arts and Manufactures. No. 1. Conducted by W. Francis and H. Croft. 8vo. *London* 1842. The Editors.
- Journal of the Asiatic Society of Bengal. Nos. 34 to 38, 40 to 43, with Supplement to No. 42, and Nos. 123-128. 8vo. *Calcutta* 1842. The Society.
- Journal de l'École Royale Polytechnique, publié par le Conseil d'instruction. Tome XVII. 4to. *Paris* 1841. L'École Polytechnique.
- Journal of Natural Events in Physiology and Geology. Vol. IX. Parts 2-4. Vol. X. p. 1. Edited by Drs. Van Hoeven and Vriese. 8vo. *Leiden* 1842. The Editors.
- Literary Gazette for the year 1842. 4to. *London* 1842. The Editor.
- London, Edinburgh and Dublin Philosophical Magazine and Journal of Science. 8vo. *London* 1842. The Editor.
- Journal of Meteorology and Magnetism. Parts 1-3. 1842. Edited by Dr. J. Lamont. 8vo. *Munich* 1842. The Editor.
- Microscopic Journal. Edited by George Busk. 8vo. *London* 1843. The Editor.
- Numismatic Chronicle and Journal of the Numismatic Society: edited by John Yonge Akerman, F.S.A. Nos. 12 to 19. 8vo. *London* 1841-1843. The Society.
- Polytechnic Review, Nos. 1 to 6. 4to. *London* 1843. The Editor.
- Quarterly Journal of Meteorology and Physical Science, No. 6; edited by J. W. G. Gutch. 8vo. *London* 1843. The Society.
- Tasmanian Journal of Natural Science, Agriculture, Statistics, &c. Vol. I. No. 2. 8vo. *Van Diemen's Land* 1842. Sir John Franklin, F.R.S.
- United Service Journal and the Repertory of Patent Inventions, for July and August 1842. 8vo. *London* 1842. The Editors.
- Zoologist: an Illustrated Monthly Magazine of Natural History and Journal for recording facts and anecdotes relating to Quadrupeds, Birds, &c. No. 1, edited by Edward Neuman. 8vo. *London* 1843. The Editor.
- KOENE (C. J.) Un Mot de Réponse à la Critique publiée sous le titre de Compte Rendu de l'ouvrage de M. L. de Koninck, M.D. &c. 8vo. *Liège* 1842. The Author.
- KREIL (Karl.) Magnetical and Meteorological Observations made at Prague from 1st August 1840 to 31st July 1841. 4to. *Prag*. 1842. The Author.

PRESENTS.

DONORS.

KUPFFER (A.)	Annuaire Magnétique et Météorologique du Corps des Ingénieurs des Mines de Russie. 4to. <i>St. Petersburg</i> 1842.	The Russian Minister of Finances.
LADD (W.)	An Essay on a Congress of Nations, for the adjustment of international disputes without resort to Arms. 8vo. <i>London</i> 1840.	Dr. John Lee, F.R.S.
LAMONT (Dr.)	On the Magnetic Observations of the Royal Astronomical Observatory at Munich. 4to. <i>München</i> 1841.	The Author.
—————	Determination of the Horizontal Intensity of Terrestrial Magnetism. 4to. <i>München</i> 1842.	—————
LARREY (M. le Baron.)	Mémoire sur l'Extirpation des Glandes Salivaires (la parotide et la sous-maxillaire), nécessitée par l'engorgement scrofuleux et squirreux de ces glandes. 4to. <i>Paris</i> 1841.	The Author.
LE COUTEUR (Col.)	On the Use of the great Jersey Trench Plough, exhibited at the Society's Annual Meeting, in July 1841. 8vo. <i>London</i> 1842.	The Author.
—————	On the Culture of the Parsnip. 8vo. <i>London</i> 1840.	—————
—————	On Hoeing Wheat. 8vo. <i>London</i> .	—————
—————	On the Varieties, Properties, and Classification of Wheat. 8vo. <i>Jersey</i> .	—————
—————	Prize Essay. On pure and improved Varieties of Wheat lately introduced into England. 8vo. <i>London</i> 1839.	—————
LEE (Isaac.)	Observations on the genus Unio, together with descriptions of new species in the families Naiades, Colimacea, Lymnæana, Melaniana and Peristomiana. Vol. III. 4to. <i>Philadelphia</i> 1842.	The Author.
—————	Description of Nineteen new Species of Colimacea. 4to. 1840.	—————
LETHEBY (H.)	An Account of the Dissection of a Gymnotus Electricus. 8vo. <i>London</i> 1842.	Dr. Pereira, F.R.S.
LE VERRIER (U. J.)	Mémoire sur les Variations Séculaires des Éléments des Orbites, pour les sept Planètes principales, Mercure, Vénus, la Terre, Mars, Jupiter, Saturne et Uranus. 8vo. <i>Paris</i> 1839.	The Author.
—————	Mémoire sur la Détermination des Inégalités Séculaires des Planètes. 8vo. <i>Paris</i> 1840.	—————
—————	Développements sur plusieurs points de la Théorie des Perturbations des Planètes. No. 1 à 3. 4to. <i>Paris</i> 1841.	—————
LITTROW (C. L. von.)	Annals of the Royal Observatory of Vienna. Vol. XXI. New Series. 4to. <i>Wien</i> 1841.	The Author.
LLOYD (Rev. H.)	On the Determination of the Intensity of the Earth's Magnetic Force in absolute measure. 4to. <i>Dublin</i> 1843.	The Author.
—————	Account of the Induction Inclinator and of its adjustments. 8vo. <i>London</i> 1842.	—————
LOCKHART (James.)	Resolution of Equations by means of inferior and superior Limits. 4to. <i>London</i> 1842.	The Author.
LONGCHAMPS (E. de Selys.)	Faune Belge, 1 ^{re} partie, indication méthodique des mammifères, oiseaux, reptiles et poissons observés jusqu'ici en Belgique. 8vo. <i>Liège</i> 1842.	The Author.
LITTON (Victor.)	Voyage en Islande et au Groënland exécuté pendant les années 1835 et 1836 sur la corvette la Recherche. 8vo and folio. <i>Paris</i> 1840.	The Author.
McWILLIAM (J. O.)	Medical History of the Expedition to the Niger during the years 1841-2, comprising an account of the Fever which led to its abrupt termination. 8vo. <i>London</i> 1843.	The Author, through Sir Wm. Burnett, Knt., F.R.

PRESENTS.

DONORS.

MAPS AND CHARTS.

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Ordnance Maps, in continuation of the Trigonometrical Survey of Great Britain. Sheets. Nos. 80, 81 and 90. folio. <i>London</i> . | The Master-General of the Ordnance. |
| A Chorographical Chart of the Diocese of Mûhel, in Austria, around the Enus: by B. Pillwein. Large folio sheet. | The Author. |
| MARTIUS (Dr. von.) The Epidemic among Potatoes during recent years. 4to. <i>München</i> 1842. | The Author. |
| MATTEUCCI (C.) Essai sur les Phénomènes Électriques des Animaux. 8vo. <i>Paris</i> 1840. | Baron Humboldt, For. Mem. R.S. |
| Deuxième Mémoire sur le Courant Électrique propre de la Grenouille et sur celui des animaux à sang chaud. 8vo. <i>Paris</i> 1841. | _____ |
| MÉNABRÉA (L. F.) Discours sur la Vie et les Ouvrages du Chevalier George Bidone, prononcé à l'Académie Royale des Sciences de Turin du 12 Décembre 1841. 4to. <i>Turin</i> 1842. | Prof. Plana, For. Mem. R.S. |
| MIRBEL (M. de.) Nouvelles Notes sur le Cambium; extraites d'un Travail sur l'Anatomie de la Racine du Dattier. 4to. <i>Paris</i> 1842. | The Author. |
| MORTON (S. G.) Crania Americana; or a Comparative View of the Skulls of various Aboriginal Nations of North and South America. folio. <i>Philadelphia</i> 1839. | The Author. |
| _____ Catalogue of Skulls of Man, and the inferior Animals, in the Collection of Samuel George Morton, M.D. 8vo. <i>Philadelphia</i> 1840. | _____ |
| _____ Remarks on the so-called Pigmy Race of the Valley of the Mississippi. 8vo. | _____ |
| _____ An Inquiry into the Distinctive Characteristics of the Aboriginal Race of America. 8vo. <i>Boston</i> 1842. | _____ |
| _____ Some Remarks on the Ancient Peruvians. 8vo. <i>Philadelphia</i> 1842. | _____ |
| _____ Description of some New Species of Organic Remains of the Cretaceous Group of the United States, with a Tabular View of the Fossils hitherto discovered in that Formation. 8vo. <i>Philadelphia</i> 1842. | _____ |
| MOSELEY (Rev. H.) The Mechanical Principles of Engineering and Architecture. 8vo. <i>London</i> 1843. | The Author. |
| MÜLLER (J.) On the smooth Shark of Aristotle, and of the Difference between the Sharks and Rays in the Development of the Egg. folio. <i>Berlin</i> 1842. | The Author. |
| MURCHISON (R. I.) Address delivered at the Anniversary Meeting of the Geological Society of London on the 17th February 1843. 8vo. <i>London</i> 1843. | The Author. |
| NAMIAS (G.) Observations upon some Effects of Electricity upon the Animal Economy, and especially with reference to Human Maladies. 8vo. <i>Venice</i> 1841. | The Author. |
| _____ Academical Report made at the Sitting of the Athenæum of Venice. 4to. <i>Venice</i> . | _____ |
| O'SHAUGHNESSY (W. B.) Report on the Chemical Pathology of the Malignant Cholera, containing analyses of the blood, dejections, &c. of patients labouring under that disease in Newcastle and London, &c. 8vo. <i>London</i> 1832. | The Author. |
| _____ On the Preparations of the Indian Hemp, or Gunjah (<i>Cannabis Indica</i>), their effects on the animal system in health, | _____ |

PRESENTS.	DONORS.
and their utility in the treatment of tetanus and other convulsive disorders 8vo. <i>Calcutta</i> 1839.	
O'SHAUGHNESSY (W. B.) Memoranda relative to Experiments on the Communication of Telegraphic Signals by induced Electricity. 8vo. <i>Cal-</i> <i>cutta</i> 1839.	The Author.
Memorandum of Experiments on the Explosion of Gunpowder under water by the Galvanic Battery, with a notice of the successful destruction of the wreck of the "Equitable," at Fultah Reach. 8vo. <i>Calcutta</i> 1840.	—————
Notes of Lectures on Natural Philosophy. First Series, On Galvanic Electricity. 12mo. <i>Calcutta</i> 1841.	—————
The Bengal Dispensatory and Companion to the Pharmacopœia. 8vo. <i>London</i> 1842.	—————
PASSERINI (Dr. C.) Notice of the Increase in Florence during 1837, 1838, and 1839, of the American Bird <i>Paroaria Cucullata</i> , commonly called the Cardinal. folio. <i>Firenze</i> 1841.	The Author.
Observation upon two Noxious Insects. 12mo. <i>Firenze</i> 1840.	—————
Observations upon the Larvæ, Nymph and Habits of <i>Scolia Flavifrons</i> . 4to. <i>Pisa</i> 1840.	—————
Continuation of the Observations upon the Larvæ of <i>Scolia Flavifrons</i> . 4to. <i>Firenze</i> 1841.	—————
PATERNO (P. de Jovis da.) Upon the Cultivation of Grain, with observa- tions referring to the kingdom of Naples. 8vo. <i>Naples</i> 1838.	The Author.
PEACOCK (G.) A Treatise on Algebra. Vol. I. Arithmetical Algebra. 8vo. <i>Cambridge</i> 1842.	The Author.
PEREIRA (J.) Lecture on the Elementary Composition of Foods, &c. &c. 8vo. <i>London</i> 1842.	The Author.
PICTET (F. G.) Histoire Naturelle Générale et Particulière des Insectes <i>Neuroptères</i> , livraisons 8—11. 8vo. <i>Genève</i> 1841.	The Author.
PLANA (J.) Mémoire sur la Chaleur des Gaz Permanens. 4to. <i>Turin</i> 1842.	The Author.
POLE (W.) An Investigation of the comparative Loss by Friction in beam and direct action Steam Engines. 8vo. <i>London</i> 1843.	The Author.
PONCELET (M.) Cours de Mécanique appliquée aux Machines, Sections 1 à 7. 2 vols. folio. (Lithographed.) folio. <i>Paris</i> 1836.	The Author.
Mémoire sur la Stabilité des Revêtements de leurs Fon- dations. (Two copies.) 8vo. <i>Paris</i> 1840.	—————
PORTA (L.) Solution of an important Problem in Geology, with an exami- nation of the flowing and ebbing of the Sea. 12mo. <i>Naples</i> 1839.	The Author.
PORTER (G. R.) The Progress of the Nation, in its various social and eco- nomical relations, from the beginning of the nineteenth century to the pre- sent time, Sections 5 to 8. 8vo. <i>London</i> 1843.	The Author.
POTTER (T. R.) The History and Antiquities of Charnwood Forest, with an Appendix on the Geology, Botany, and Ornithology of the District. 4to. <i>London</i> 1842.	The Author.
POWELL (Rev. B.) On the Theory of Parallel Lines. 8vo. <i>Oxford</i> 1842.	The Author.
POWER (Rev. J.) Mode of preventing the disastrous Effects of Collision; preceded by an inquiry into the causes of the Brighton Railway accident. 4to. <i>Cambridge</i> 1842.	The Author.

PRESENTS.

DONORS.

- QUAIN (R.) The Anatomy of the Arteries of the Human Body, with its applications to Pathology and Operative Surgery in lithographic drawings, with practical commentaries. fol. and 8vo. *London* 1840.
- QUETELET (A.) Sur la Différence des Longitudes des Observatoires Royaux de Greenwich et de Bruxelles, déterminée au moyen de chronomètres; par M.M. Sheepshanks et Quetelet. 4to. *Bruxelles* 1842.
- Notes sur les Instruments employés dans les diverses Stations pour les Observations Météorologiques horaires correspondantes des Équinoxes et des Solstices. 4to. *Bruxelles* 1842.
- Résumé des Observations Météorologiques et Magnétiques faites à des époques déterminées. 4to. *Bruxelles* 1842.
- Annales de l'Observatoire Royale de Bruxelles, Tome II. 4to. *Bruxelles* 1842.
- Recueil d'Observations sur différents Sujets des Sciences Physiques. 8vo. *Bruxelles* 1842.
- Astronomie. Eclipse Solaire du 8 Juillet 1842; notice communiquée. 8vo. *Bruxelles* 1842.
- Etudes sur l'Homme. 8vo. *Bruxelles* 1842.
- RAMSAY (G.) An Inquiry into the Principles of Human Happiness and Human Duty, in two books. 8vo. *London* 1843.
- REDFIELD (W. C.) On Whirlwind Storms: with replies to the objections and strictures of Dr. Hare. 8vo. *New York* 1842.
- Reply to Dr. Hare's further Objections relating to Whirlwind Storms; with some evidence of the whirling action of the Providence Tornado of August 1838. 8vo.
- RICHARDSON (J.) Icones Piscium, or Plates of Rare Fishes. 4to. *London* 1843.
- RIESS (P.) Sur les Figures Roriques et les Bandes Colorées produites par l'Électricité. 8vo. *Genève*.
- ROBINSON (Rev. T. R.) Report made at the annual Visitation of the Armagh Observatory. 8vo. *Armagh* 1842.
- ROBINSON (F.) Refutation of Lieut. Wellsted's Attack upon Lord Valentia's (now Earl of Mount Norris) work upon the Red Sea, with comparative diagrams, showing the inventions of Bruce. 4to. *London* 1842.
- RÜMKER (Chas.) Upon the Meridian Places of 12,000 fixed Stars for the commencement of 1836, deduced from the Observations at the Hamburg Observatory. Oblong. *Hamburg* 1843.
- SAGRA (Ramon de la.) Notice sur l'Organisation Actuelle de l'Industrie en Belgique, et sur la nécessité de sa réforme; lus dans les séances des 6 et 20 Août 1842. 8vo. *Paris* 1842.
- Rapports Statistiques déduits du Recensement de la Population des États Unis en 1840. Large sheet.
- Histoire Physique, Politique et Naturelle de l'Île de Cuba: première partie. Histoire Physique et Politique. Tome I. 8vo. *Paris* 1842.
- Observations et Comparaisons Statistiques sur la Mouvement de la Population de la Havane dans les cinq ans écoulés de 1825 à 1830. 8vo. *Paris* 1842.
- Thomas Graham, Esq., F.R.S.
- Prof. Quetelet, For. Memb. R.S.
- The Author.
- The Author, through Dr. John Lee, F.R.S.
- The Author.
- The Author.
- Prof. Wartmann.
- The Author.
- The Author.
- The Author.
- The Author.
- The Author, through Dr. Marshall Hall, F.R.S.
- The same.

PRESENTS.	DONORS.
SCHMIDT (J. G.) <i>Système d'Arcs Elliptiques pour faciliter le calcul intégral et pour constituer des nombres astronomique calculé.</i> 4to. <i>Berlin</i> 1842.	The Author.
SCHWANN (M.) <i>Instructions pour l'Observation des Phénomènes Périodiques de l'Homme.</i> 8vo. <i>Bruxelles.</i>	The Author.
SCHWEIGGER (J. S. C.) <i>Address to the President and Vice-Presidents of the Academy Leopoldino-Carolinæ Naturæ Curiosorum.</i> 4to. <i>Halæ.</i>	The Author.
————— <i>Speech made at the Academy at Halle.</i> 4to. <i>Halle.</i>	—————
————— <i>Introduction to Mythology, viewed with reference to Natural Science.</i> 8vo. <i>Halle</i> 1836.	—————
SERINGUE-TOME (N. C.) <i>Le Petit Agriculteur, ou traité élémentaire d'agriculture.</i> Vols. I., II. 12mo. <i>Paris</i> 1841.	The Author.
SHUTTLEWORTH (J. G.) <i>The Hydraulic Railway, being a carefully digested but plain statement of the advantages to be derived, and impediments removed, in establishing Hydraulic Propulsions on Railways.</i> 8vo. <i>London</i> 1842.	The Author.
SIMMS (F. W.) <i>A Treatise on the Principles and Practice of Levelling, showing its application to purposes of civil engineering, particularly in the construction of roads; with Mr. Telford's rules for the same.</i> 2nd edition. 8vo. <i>London</i> 1843.	The Author.
SIMONOFF (—.) <i>Observations Astronomiques faites à l'Observatoire de l'Université de Kazan; premier cahier.</i> 4to. <i>Kazan</i> 1842.	The Author.
SMEE (A.) <i>Elements of Electro-Metallurgy, or the art of working in metals by the galvanic fluid.</i> Parts 4 to 9. 8vo. <i>London</i> 1842.	The Author.
————— <i>On the Treatment by Tartarized Antimony.</i> 8vo. <i>London.</i>	—————
————— <i>On the Inhalation of Ammonia Gas as a Remedial Agent.</i> 8vo. <i>London</i> 1843.	—————
SMITH (J. Pye.) <i>On the Relation between the Holy Scriptures and some Parts of Geological Science.</i> Third edition. 12mo. <i>London</i> 1843.	The Author.
SMITH (W.) <i>Dictionary of Greek and Roman Biography and Mythology.</i> Parts 1. and 2: edited by Wm. Smith, Ph. D. 8vo. <i>London</i> 1843.	The Editor.
SOLLY (Edward.) <i>Rural Chemistry, an elementary introduction to the study of the science in its relation to Agriculture.</i> 12mo. <i>London</i> 1843.	The Author.
————— <i>First Report of the Chemical Committee of the Horticultural Society of London, 1842.</i> 8vo. <i>London</i> 1842.	—————
SPENGLER (L.) <i>On the Study of Rhetoric by the Ancients.</i> 4to. <i>München</i> 1842.	The Author.
STAMBUCCHI (R.) <i>The Milan Astronomical Ephemeris for the year 1843.</i> 8vo. <i>Milan</i> 1842.	The Author.
STICHANER (J.) <i>History of Bavarian Subsidien from 1740 to 1762.</i> 4to. <i>München</i> 1842.	The Author.
STOBELL (F. von.) <i>Galvanography, a method to multiply in printing painted drawings, by means of copper plates.</i> 4to. <i>München</i> 1842.	The Author.
STRUVE (O.) <i>Mémoire sur l'Évaluation Numérique de la Constante de la Précession des Équinoxes.</i> 8vo. <i>St. Peters.</i> 1841.	The Author.
————— <i>Report of the Academician Struve upon the Memoir of C. A. F. Peters upon the Constant Number of the Nutations deduced from the Right Ascension of the Polar Star in the Observatory at Dorpat, from 1822 to 1838.</i> 4to. <i>St. Petersburg.</i>	—————
————— <i>Notice sur l'Instrument des Passages de Repsold, établi à</i>	—————

PRESENTS.

DONORS.

l'Observatoire de Poulkova dans le premier vertical, et sur les résultats que cet instrument a donnés pour l'évaluation de la constante de l'aberration. 4to. *St. Petersburg*.

STRUVE (O.) Determination of the Constants of Precession with respect to the peculiar motions of the Solar System. 4to. *St. Petersburg* 1842. The Author.

STRUVE (F. G. W.) Astronomical Observations made at the University of Dorpat, for the years 1831 to 1838. Vol. VIII. 4to. *Dorpat* 1839. The Author.

SYKES (Lieut.-Col. W. H.) Statistics of Civil and Criminal Justice in British India, chiefly from the year 1836 to 1840 inclusive. 8vo. *London* 1843. The Author.

————— Buddhism versus Brahmanism; extracted from the Asiatic Journal for June 1842. 8vo. —————

TAYLOR (Jas.) A Sketch of the Topography and Statistics of Dacca; printed by the order of Government. 8vo. *Calcutta* 1840. The Directors of the East India Company.

THORNTON (Edw.) The History of the British Empire in India. Vol. III. and IV. 8vo. *London* 1843. The Author.

TILLEY (T. G.) Agricultural Chemistry rendered simple for Practical Purposes, illustrated with Notes. Parts 1 to 4. 8vo. *Chelmsford* 1843. The Author.

TRUDI (N.) Essay upon Polygons inscribed within circumscribed Conical Curves. 4to. *Naples* 1841. The Author.

————— The Problem of describing a Polygon within a Conical Curve. 4to. *Naples* 1841. —————

————— Theorem upon Conic Sections, useful for the resolution of difficult problems. 4to. *Naples* 1840. —————

TURNER (Edward.) Elements of Chemistry. 8vo. *London* 1842. The Editors.

TWINING (W.) Some account of Cretinism and the Institution for its Cure, on the Abendberg, near Interlachen, in Switzerland. 12mo. *London* 1843. Richard Twining, Esq., F.R.S.

VALENCIENNES (M. A.) Nouvelles Recherches sur le Nautilé Flambeé (*Nautilus Pompilius*, Lam.). 4to. *Paris* 1839. The Author.

WALCKENAER (M.) Mémoire sur la Chronologie de l'Histoire des Javanais, et sur l'Époque de la Fondation de Madjapahit. 4to. *Paris* 1842. The Author.

WALDHEIM (G. Fischer de.) Note upon the Eurypterus of Podolia and the Chirotherium of Livonia. 4to. *Moscow* 1839. The Author.

WALSHE (W. H.) The Physical Diagnosis of Diseases of the Lungs. 12mo. *London* 1843. The Author.

WALTHER (Dr.) Oration to the Memory of Dr. Dollinger. 4to. *München* 1841. The Author.

WELD (C. R.) Statistical Companion to the Pocket-Book. 18mo. *London* 1843. The Author.

WERNER (F.) Instruction for Gilding and Plating by means of Galvanism. 8vo. *St. Petersburg* 1842. The Author.

WILLIAMS (R. F.) Lives of the Princes of Wales, Heirs to the British Throne; with notices of the Court and Camp of England from the thirteenth century, Vol. I. 8vo. *London* 1843. The Author.

WILLICH (C. M.) Income Tax Tables, showing at sight the Amount of Duty at 7d. and 3½d. in the pound; accompanied by a variety of statistical information, extracted from parliamentary documents. 8vo. *London* 1842. The Author.

————— Annual Supplement to Willich's Tithe Commutation Tables, 1843. 8vo. *London* 1843. —————

YOUNG (J. R.) Theory and Solution of Algebraical Equations of the higher orders (2nd edition). 8vo. *London* 1843. The Author.

From November 1843 to June 1844.

PRESENTS.	DONORS.
ACADEMIES and SOCIETIES.	
Amsterdam :—	
Transactions of the Royal Institution for 1841. 4to. <i>Amsterdam</i> .	The Institution.
Transactions of the Royal Institute of Sciences at Amsterdam. Parts 1 and 2. 4to. <i>Amsterdam</i> 1843.	The Institute.
Berlin :—	
Proceedings of the Royal Academy of Sciences at Berlin, from May 1842 to December 1843. 8vo. <i>Berlin</i> .	The Academy.
Proceedings of the Royal Prussian Academy of Sciences at Berlin, for February 1844. 4to. <i>Berlin</i> .	The Academy.
Boston Journal of Natural History, No. 3, Vol. IV. 8vo. <i>Boston</i> .	The Editors.
Brussels :—	
Bulletins de l'Académie Royale de Bruxelles. Nos. 10, 11 and 12 of Vol. IX., and Nos. 1 to 7 of Vol. X. 8vo. <i>Bruxelles</i> .	The Academy.
Annuaire de l'Académie Royale des Sciences et Belles Lettres de Bruxelles. 18mo. <i>Bruxelles</i> 1843.	—————
Nouveaux Mémoires de l'Académie Royale de Bruxelles. Tome XVI. 4to. <i>Bruxelles</i> 1844.	—————
Mémoires Couronnés et Mémoires des Savants Étrangers, publiées par l'Académie Royale de Bruxelles. 4to. <i>Bruxelles</i> 1844.	—————
Calcutta :—	
Journal of the Agricultural and Horticultural Society of India. Nos. 5, 6, 7 and 8. 8vo. <i>Calcutta</i> .	The Society.
Copenhagen :—Transactions of the Royal Danish Academy of Sciences at Copenhagen. Part 9. 4to. <i>Copenhagen</i> .	The Academy.
Cornwall :—Transactions of the Royal Geological Society of Cornwall. Vol. V. 8vo. <i>Falmouth</i> 1844.	The Society.
Dublin :—	
Proceedings of the Royal Irish Academy. Parts 2 and 3. 8vo. <i>Dublin</i> 1841.	The Academy.
Edinburgh :—	
Royal Society Transactions. Vol. XV. Part 3. 4to. <i>Edinburgh</i> .	The Society.
Geneva :—	
Mémoires de la Société de Physique et d'Histoire Naturelle de Genève. Tome X. 4to. <i>Genève</i> .	The Society.
Glasgow :—Proceedings of the Philosophical Society, for 1841–2. 8vo. <i>Glasgow</i> .	The Society.
Göttingen :—	
Transactions of the Royal Society, for 1838–1841. 4to. <i>Göttingen</i> .	The Society.
Helsingfors :—	
Acta Societatis Scientiarum Fennicæ. Tomi Primi Fasciculus 3. 4to. <i>Helsingfors</i> 1842.	
London :—	
Agricultural Society (Royal). Journal, Vol. IV. Part 2. 8vo. <i>London</i> .	The Society.

PRESENTS.	DONORS.
ACADEMIES and SOCIETIES (<i>continued</i>).	
Archæologia, published by the Society of Antiquaries of London. Vol. XXX. 4to. <i>London</i> 1844.	The Society.
Society of Arts. Transactions, Vol. LIV. 8vo. <i>London</i> .	The Society.
Asiatic Society (Royal). Journal, No. 14. 8vo. <i>London</i> .	The Society.
British Association for the Advancement of Science. Report of the Thirteenth Meeting. 8vo. <i>London</i> 1844.	The Association.
Memoirs and Proceedings of the Chemical Society. Parts 6, 7, 8. 8vo. <i>London</i> 1843.	The Society.
Memoirs of the Chemical Society of London for 1841–1842, and 1842–1843. 8vo. <i>London</i> 1843.	The Society.
Civil Engineers, Minutes of the Proceedings of, for 1842 and 1843. 8vo. <i>London</i> .	The Institution.
Council on Education, Minutes of the Committee, 1839 to 1842. 8vo. <i>London</i> 1841–2.	The Committee of Council.
Entomological Society of London. Transactions, Part 4 of Vol. III. 8vo. <i>London</i> 1844.	The Society.
Geological Society. Proceedings, Nos. 93, 94, 95, 96. 8vo. <i>London</i> 1844.	The Society.
Linneæan Society. Transactions, Vol. XIX. Part 2. 4to. <i>London</i> 1844.	The Society.
Royal Society of Literature. Transactions of. Second Series, Vol. I. 8vo. <i>London</i> 1844.	The Society.
Royal Medical and Chirurgical Society of London. Transactions, 2 Series, Vol. VIII. 8vo. <i>London</i> 1844.	The Society.
Microscopical Society of London. Transactions, Part 1. of Vol. I. 8vo. <i>London</i> 1844.	The Society.
Statistical Society of London. Journal, Parts 3 and 4 of Vol. VI. 8vo. <i>London</i> 1843–4.	The Society.
Lombardy :—Royal Institute. Journal of, Vols. I., II. and III. <i>Milan</i> 1842–3. Royal Institute. Memoirs of, Vol. I. 4to. <i>Milan</i> 1844.	The Institute.
Lyons :—Annales des Sciences Physiques et Naturelles d'Agriculture et d'Industrie, publiées par la Société Royale d'Agriculture de Lyons. Tome IV. 8vo. <i>Lyons</i> 1838–1840.	The Society.
Manchester :—Memoirs of the Literary and Philosophical Society. Part 1 of Vol. VII.	The Society.
Moscow :—	
Bulletin de la Société Impériale des Naturalistes de Moscou, Nos. 3, 4, 1842, and Nos. 1, 2, 3, 1843. 8vo. <i>Moscou</i> .	The Society.
Nouveaux Mémoires de la Société Impériale des Naturalistes de Moscou. Tome VII. 4to. <i>Moscou</i> .	The Society.
Naples :—Transactions of the Royal Academy of Sciences. Part 5 of Vol. I. 4to. <i>Naples</i> .	The Academy.
Paris :—	
Notices et Extraits des Manuscrits de la Bibliothèque du Roi. Vol. XIV. 4to. <i>Paris</i> 1844.	The Institute.
Mémoires présentés par divers Savants à l'Académie Royale des Sciences. Vol. VIII. 4to. <i>Paris</i> 1844	—————
Mémoires présentés par divers Savants à l'Académie Royale des Inscriptions. Vol. I. Second Series. 4to. <i>Paris</i> 1844.	—————

PRESENTS.

DONORS.

ACADEMIES and SOCIETIES (*continued*).

Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. The Institute.
Vol. XVI. 4to. *Paris* 1844.

Bulletins de la Société de Géographie. Tomes XVII. XVIII. et XIX. The Society.
8vo. *Paris* 1844.

Mémoires de la Société Géologique de France. Tome V. Parts 1 and 2. The Society.
4to. *Paris* 1844.

Bulletins de la Société Géologique de France, from September 1842 to The Society.
May 1843, November and December, and January 1844. 4to. *Paris* 1844.

Mémoire de l'Académie Impériale des Sciences de St. Pétersbourg. Vols. The Academy.
IV., V., VI., VII. 4to. *St. Pétersbourg*.

Recueil des Actes des Séances publiques de l'Académie Impériale des Sciences de St. Pétersbourg tenues le 31 Décembre 1841, et le 30 Décembre 1842. 4to. *St. Pétersbourg*. —

Bulletin de la Classe Physico-Mathématique de l'Académie Impériale des Sciences de St. Pétersbourg. Tome I. 4to. *St. Pétersbourg*. —

Philadelphia :—

American Philosophical Society Transactions. Part 1 of Vol. IX. 4to. *Philadelphia* 1844. The Society.

Proceedings. Vol. III. 8vo. *Philadelphia* 1844. —

Journal of the Franklin Institute. Vols. I. III. and IV. 8vo. *Philadelphia* 1844. The Institution.

Rotterdam :—

New Transactions of the Academy of Sciences. Part 8. 4to. *Rotterdam* 1841. The Society.

Venice :—

Transactions of the Athenæum, 1841. 4to. *Venice* 1844. The Athenæum.

ANONYMOUS :—

A Descriptive Index of the Contents of Five Manuscript Volumes illustrative of the History of Great Britain, in the Library of Dawson Turner, Esq. D. Turner, Esq.
8vo. *London* 1844.

Archives du Muséum d'Histoire Naturelle publiées par les Professeurs Administrateurs de cet Établissement. Part 4 of Vol. II., and Part 3 of Vol. III. 4to. *Paris* 1839 to 1843. The Publishers.

Catalogue of the Library of the Royal Medical and Chirurgical Society. 8vo. The Society.
London 1844.

Catalogue of the Reptiles contained in the Museum at Fort-Pitt, Chatham. 8vo. Sir James M'Grigor.
Chatham 1843.

Connaissance des Temps ou des Mouvements Célestes pour l'an 1846. 8vo. Bureau des Longitudes.
Paris 1844.

Fifth Annual Report of the Registrar-General of Births, Deaths and Marriages. folio. *London* 1843. The Registrar-General.

Lectures on Polarized Light, delivered before the Pharmaceutical Society of Great Britain, 1843. 8vo. *London* 1844. The Author.

Letters and State Papers, chiefly addressed to George, Earl of Melville, Secretary of State for Scotland, 1689–1691. 4to. *Edinburgh* 1843. The Hon. W. L. Melville.

List of the Specimens of Mammalia in the British Museum. 8vo. *London* 1844. The Trustees of the British Museum.

PRESENTS.

DONORS.

ANONYMOUS (*continued*).

- List of the Oriental MSS. purchased in Turkey. 4to. *London* 1844. Dr. Lee, F.R.S.
- Meteorological Observations made at the Royal University of Kasan, 1835–1836. Le Bureau des Longitudes.
- Observations des Marées faites à la mâtire et au bassin dans le port de Brest, 1807–1835, publiées par le Bureau des Longitudes. 4to. *Paris* 1843. The Master General of the Ordnance.
- Observations on Days of Unusual Magnetic Disturbance, made at the British Colonial Magnetic Observatories under the Departments of the Ordnance and Admiralty, printed by the British Government under the Superintendence of Lieut.-Col. Sabine, R.A. 4to. *London* 1843. The Authors.
- Quelques Recherches sur la Chaleur Spécifique, par M.M. les Professeurs de la Rive et Marcet. 8vo. *Genève* 1844. The Directors of the East India Company.
- Report on the Medical Topography and Statistics of the Presidency Division of the Madras Army, compiled from the Records of the Medical Board Office. 8vo. *Madras* 1842. —————
- Report of the Medical Topography and Statistics of the Centre Division of the Madras Army, compiled from the Records of the Medical Board Office. 8vo. *Madras* 1842. The Author.
- Supplementary Additions to the Certainty of the Origin of Evil in the World, by a Layman. 12mo. *London* 1844. The Admiralty.
- The Light Houses of the British Islands. 8vo. *London* 1844. The Admiralty.
- Tide Tables for the English and Irish Ports, 1844. Messrs. Fisher and Son.
- Views in China, Parts 18 to 20. 4to. *London* 1844. The Author.
- ANSTED (D. T.) Geology, Introductory, Descriptive and Practical. 8vo. *London* 1844.
- ART, WORKS OF.
- A Marble Bust of the late Davies Gilbert, Esq., P.R.S., by Richard Westmacott, Esq., F.R.S. The Baroness Bassett.
- A Medallion of the late Major Rennell, F.R.S. Lady Rodd.
- A Solar Dial cut in Stone, made by the hand of Sir Isaac Newton, when a boy, and taken out of the Wall of the Manor House at Woolsthorpe, Lincolnshire, in which he was born. Rev. C. Turnor, F.R.S.
- ATKINS (Mrs.) Photographs of British Algæ. 4to. Parts 1, 2 and 3. The Authoress.
- BADANO (G.) New Researches upon the Resolution of Algebraic Equations. The Author.
- BAILIE (J. K.) Fasciculus Inscriptionum Græcarum. 4to. *London* 1844. The Author.
- BARLOW (E.) An exact Survey of the Tide, with 12 curious maps. 8vo. *London* 1717. Sir John Lubbock, Bart.
- BARLOW (Rev. John.) On Man's Power over himself to prevent or control Insanity. 12mo. *London* 1843. The Author.
- BECQUEREL (M.) Recherches sur la Chaleur Animale. The Author.
- BERZELIUS (Jac.) Annals of Mineralogy for 1841, 1842, 1843. The Author.
- BLAND (W.) Suppression of Spontaneous Combustion in Wool Ships. 8vo. *Sydney* 1843. The Author.
- BOHEMAN (C. H.) Annals of Zoology for 1840–1842. The Author.
- BOLYAY (M.) An Essay on Pure Mathematics. 2 vols. 8vo. 1833. J. F. Stanford, Esq., F.R.S.
- BOUSSINGAULT (J. B.) Economie Rurale, considérée dans ses Rapports avec la Chimie, la Physique et la Météorologie. 2 vols. 8vo. *Paris* 1844. The Author.
- BRANDRETH (T. S.) A Dissertation on the Metre of Homer. 8vo. *London* 1844. The Author.

PRESENTS.	DONORS.
BROWN (Thos.) The Reminiscences of an Old Traveller throughout different parts of Europe. 8vo. <i>Edinburgh</i> 1843.	The Author.
BULARD (A.) De la Peste Orientale pendant les années 1833 à 1839. 8vo. <i>Paris</i> 1839.	Madame Bulard.
CAPELLI (G.) and BUZZETTI (C.) Effemeridi Astronomiche di Milano per l'anno 1844. 8vo. <i>Milano</i> 1844.	The Authors.
CASTELNAU (F. de.) Essai sur le Système Silurien de l'Amérique Septentrionale. 4to. <i>Paris</i> 1843.	The Author.
CAUCHY (A.) Exercices d'Analyse, et de Physique Mathématique, Parts 18, 19, 20, 21, 22, 23, and 24, of Vol. II. 4to. <i>Paris</i> 1840.	The Author.
CHALLIS (Rev. James.) Astronomical Observations made at the Observatory of Cambridge for 1840-1841. 4to. <i>Cambridge</i> 1837.	The Author.
CHASLES (C.) Sur le Passage du premier livre de la Géométrie de Boèce relatif à un nouveau système de Numération. 4to. <i>Bruxelles</i> 1836.	The Author.
————— Mémoire sur la Géométrie des Hindous. 4to. <i>Bruxelles</i> 1836.	—————
————— Mémoire sur l'Attraction des Ellipsoïdes.	—————
CHIMENTI (Antonio.) Elementi di Chimica, Vol. I. 8vo. <i>Roma</i> 1842.	The Author.
COSTA (O. G.) Corrispondenza Zoologica, redatta da. 8vo. <i>Napoli</i> 1839.	Signor Costa.
CRADDOCK (T.) Description of a Patent Universal Condensing Engine. 4to. <i>London</i> 1844.	The Author.
CURLING (T. B.) Case of a Girl who voided from the Urethra a number of Entozootic Worms not hitherto described, with an account of the Animals. 8vo. <i>London</i> 1844.	The Author.
DAUBENY (Dr.) A Lecture on Institutions for the better Education of the Farming Classes. 8vo. <i>Oxford</i> 1844.	The Author.
DAVY (Dr. John.) On the Specific Gravity of certain Substances commonly considered lighter than water. 4to. <i>Edinburgh</i> 1843.	
DENISON (J.) A New Theory of Gravitation.	The Author.
ENCKE (J. F.) Astronomisches Jahrbuch für 1846. 8vo. <i>Berlin</i> 1844.	The Author.
FEATHERSTONHAUGH (G.) Excursions through the Slave States in the United States of America, with Sketches of Popular Manners, and Geological Notices. 2 vols. 8vo. <i>London</i> 1844.	The Author.
FINCHAM (John.) A Treatise on Mast-making Ships and Mast-making. 8vo. <i>London</i> 1843.	The Author.
FORBES (J. D.) Travels through the Alps of Savoy and other parts of the Pennine Chain, with Observations on the Phenomena of Glaciers. 8vo. <i>Edinburgh</i> 1843.	The Author.
FORBES (Prof.) An Inaugural Lecture on Botany. 8vo. <i>London</i> 1843.	The Author.
FORSTER (T.) Essai sur l'Influence des Comètes sur les Phénomènes de la Terre. 8vo. <i>Bruges</i> 1843.	The Author.
FOWLER (R.) Observations on the Mental State of the Blind, Deaf and Dumb.	The Author.
FREYCINET (Louis de.) Voyage autour du Monde, fait par ordre du Roi; publiée sous les auspices de l'Amiral Duperrey. 4to. <i>Paris</i> 1826.	The Author.
FUSS (P. H.) Correspondance Mathématique et Physique de quelques célèbres Géomètres du dix-huitième siècle. 2 vols. 8vo. <i>St. Pétersbourg</i> 1843.	The Author.
GAIMARD (M. Paul.) Voyage en Islande et au Groënlande pendant les années 1835-36. 4to. <i>Paris</i> 1838.	The Author.

PRESENTS.

DONORS.

GAUDICHARD (M. Charles.) Premières Notes relatives à la protestation faites dans la séance du 12 Juin 1843, à la suite de la lecture du Mémoire de M. de Mirbel, ayant pour titre, "Recherches Anatomiques et Physiologiques sur quelques Végétaux Monocotylés." 8vo. <i>Paris</i> 1844.	The Author.
Recherches Générales sur la Physiologie et l'Organogénie des Végétaux. 8vo. <i>Paris</i> 1844.	
GILCHRIST (W.) Practical Memoirs on the History and Treatment of the Diseases of the Elephant and Camel. folio. <i>Calcutta</i> 1842.	The Directors of the East India Company.
GIVRY (M.) Instructions Nautiques; partie des Côtes Septentrionales de France comprise entre la pointe de Barfleur et Dunkerque. 4to. <i>Paris</i> 1844.	Le Bureau des Longitudes.
GODWIN (George, jun.) Architecture as a Fine Art: its State and Prospects in England.	The Author.
GOULD (John.) The Birds of Australia, Parts 14 and 15. large folio. <i>London</i> 1844.	The Marquis of Northampton, Pres. R.S.
GRAVES (J. T.) Cato. 8vo. <i>London</i> 1844.	The Author.
GRAY (John E.) The Zoology of the Voyage of H.M.S. Erebus and Terror, Part 1, Mammalia. 4to. <i>London</i> 1844.	The Editors.
The Zoology of the Voyage of H.M.S. Sulphur, under the command of Captain Sir E. Belcher, R.N. (Mammalia.) 4to. <i>London</i> .	The Author.
HALL (Marshall.) Memoirs on some Principles of Pathology in the Nervous System.	The Author.
HANSEN (P. A.) Inquiry into the absolute Disturbance in Ellipses of various Eccentricities and Inclinations.	The Author.
HAY (R. D.) Proportion, or the Geometric Principle of Beauty analysed. 4to. <i>Edinburgh</i> 1844.	The Author.
HENDERSON (Thomas.) Astronomical Observations made at the Royal Observatory, Edinburgh, for 1839. 4to. <i>Edinburgh</i> 1841.	The Author.
HINDS (R. B.) The Regions of Vegetation, being an analysis of the distribution of Vegetable Forms over the surface of the globe. 8vo. <i>London</i> 1843.	The Author.
HOGG (John.) Letters from Abroad to a Friend at Cambridge. 8vo. <i>London</i> 1844.	The Author.
HOOKE (Sir W.) Notes on the Botany of the Antarctic Voyage; conducted by Captain Sir James Ross, R.N., F.R.S. 4to. <i>London</i> 1844.	The Author.
HOPKINS (E.) On the Connexion of Geology with Terrestrial Magnetism. 8vo. <i>London</i> 1844.	The Author.
HORANINOW (P.) The Elements of Botany. 8vo. 1841.	The Author.
A Treatise on Mineralogy.	
Theoria Sylphidis ejusque Therapiæ Universæ.	
A Treatise on Epidemic Cholera.	
HULST (F.) Memoir of the Life of René Sluse.	The Author.
JOHNS (J. W.) The Anglican Cathedral Church of Saint James, Mount Zion, Jerusalem. folio. <i>London</i> 1844.	The Author.
JOHNSON (M. J.) Astronomical Observations made at the Radcliffe Observatory, Oxford, in 1841. 8vo. <i>Oxford</i> 1842.	The Radcliffe Trustees.
JOHNSTON (James.) Elements of Agricultural Chemistry and Geology. 12mo. <i>Edinburgh</i> 1844.	The Author.
JONES (T. W.) Report on the present state of Knowledge of the Nature of Inflammation. 8vo. <i>London</i> 1844.	The Author.

PRESENTS.

DONORS.

JOURNALS.

- Astronomische Nachrichten, Nos. 462 to 492. 4to. *Altona*.
 Athenæum for July 1843 to May 1844. 4to. *London* 1843-44.
 British and Foreign Medical Review, Nos. 31, 32, 33. 8vo. *London*.
 Electrical Magazine, Nos. 1 to 4. 8vo. *London*.
 Journal of the Asiatic Society of Bengal, No. 58, and Nos. 134 to 141. 8vo. *Calcutta*.
 London, Edinburgh and Dublin Philosophical Magazine to June 1844. 8vo. *London* 1844.
 London Physiological Journal for October and November 1843 and February 1844.
 Monthly Review, January 1844. 8vo. *London*.
 Numismatic Chronicle, Nos. 21, 22 and 23. 8vo. *London*.
 Polytechnic Review for April and May. 4to. *London*.
 Simmond's Colonial Magazine, No. 1. 8vo. *London*.
 Tasmanian Journal, Nos. 6 and 7. 8vo. *Hobarton*.
 The Phytologist, a Botanical Journal, December 1843. 8vo. *London*.
 The Zoologist, Nos. 3 to 12. 8vo. *London*.
 JUSSIEU (M. de.) Monographie des Malpighiacées, ou exposition des caractères de cette famille de plantes. 4to. *Paris* 1844.
 KERIGAN (Thos.) A Practical Treatise on the Eclipses of the Sun and Moon. 8vo. *London* 1844.
 ————— The Complete Mathematical and General Navigation Tables, 2 vols. *London* 1838.
 KOPS (J.) et MIGUEL (F. A. W.) Flora Batava. *Amsterdam*.
 KREIL (Karl.) Magnetic and Meteorological Observations at Prague from 1st August 1841 to the 31st July 1842. 4to. *Prague* 1844.
 LAMONT (J.) Results of Magnetic Observations made at Munich during 1840, 1841, 1842. 4to. *Münich* 1841.
 LAWSON (Henry.) On the Arrangement of an Observatory. 8vo. *Bath* 1844.
 LITTROW (C. L. Edlen von.) Annals of the Observatory at Vienna, 1843. 4to. *Vienna* 1844.
 MÄDLER (J. H.) Astronomical Observations made at the Royal Observatory, Dorpat, from October 1840 to the end of 1841.
 MAITLAND (Rev. S. R.) A List of the Early Printed Books in the Archbishop's Library at Lambeth. 8vo. *London* 1843.
 MANTELL (G. A.) The Medals of Creation, or First Lessons in Geology. 2 vols. 8vo. *London* 1844.
 MAPS AND CHARTS.
 Ordnance Sheet Maps, Nos. 88 and 89.
 The Charts published by the Admiralty in 1843.
 MOIVRE (A. de.) Annuities on Lives. 8vo. *London* 1743.
 MOORE (George.) An Essay on those Powers of the Mind which have reference to Architectural Study and Design. 4to. *London* 1844.
 MÜHRY (E.) Stephen's Code of English Law, translated into German. 2 vols. 8vo. *Göttingen* 1843.
 MÜLLER (J.) On the Structure of the Pentacrinus Caput Medusæ. fol. *Berlin* 1843.

- Prof. Schumacher, F.M.R.S.
 The Editor.
 J. Forbes, Esq., F.R.S.
 The Editor.
 The Asiatic Society of Bengal.
 Richard Taylor, Esq.
 The Editor.
 The Editor.
 The Numismatic Society.
 The Editor.
 The Editor.
 Sir John Franklin.
 Edward Newman, Esq.
 The Editor.
 The Author.
 The Author.
 —————
 H.M. the King of Holland.
 The Author.
 The Author.
 The Author.
 The Author.
 The Author.
 The Author.
 The Archbishop of Canterbury.
 The Author.
 The Ordnance.
 The Lords Commissioners of the Admiralty.
 Sir J. W. Lubbock, Bart.
 The Author.
 The Translator.
 The Author.

PRESENTS.	DONORS.
NAMIAS (Signor.) On certain Effects of Electricity upon the Diseases of Mankind.	The Author.
NEWPORT (George.) An Address delivered at the Anniversary Meeting of the Entomological Society of London, on the 22nd of January 1844. 8vo. <i>London</i> 1844.	The Entomological Society.
PADULA (F.) Memoria su i Solidi Caricati verticalmente, e su i Solidi di Ugual Resistenza. 4to. <i>Naples</i> 1837.	The Author.
————— Raccolta di Probleme di Geometria. 4to. <i>Naples</i> 1838.	—————
PALMA (J.) Mémoire sur la Découverte de la Loi du Choc directe des Corps durs.	The Author.
PEREIRA (Jonathan.) A Treatise on Food and Diet. 8vo. <i>London</i> 1843.	The Author.
PETERS (A. F.) Numerus Constans Nutationis ex Ascensionibus Rectis Stellæ Polaris in Specula Dorpatensi, anno 1822 ad 1838.	The Author.
PHILLIPS (John.) Memoirs of William Smith, LL.D. 8vo. <i>London</i> 1844.	The Author.
PLANTAMOUR (E.) Observations Astronomiques faites à l'Observatoire de Genève, dans 1842.	The Author.
PULLEN (Joseph.) Lecture read on the opening of Gresham College, Nov. 2, 1843. 8vo. <i>London</i> 1844.	The Author.
QUAIN (Richard.) The Anatomy of the Arteries of the Human Body, in lithographic drawings, with practical commentaries. Large folio. <i>London</i> .	Thomas Graham, Esq.
QUETELET (A.) Annuaire de l'Observatoire Royale de Bruxelles, 1843. 12mo. <i>Bruxelles</i> 1843.	The Author.
————— Observations des Phénomènes Périodiques. 4to. <i>Bruxelles</i> 1844.	—————
————— Résumé des Observations Magnétiques et Météorologiques, 1842. 4to. <i>Bruxelles</i> 1842.	—————
————— sur l'Emploi de la Boussole dans les Mines. 8vo. <i>Bruxelles</i> 1843.	—————
REDFIELD (W. C.) Whirlwinds excited by Fire, with further notices of the Tyfoons of the China Sea. <i>New York</i> .	The Author.
RIDDELL (Lieut.) Magnetical Instructions for the Use of Portable Instruments. 8vo. <i>London</i> 1844.	The Author.
RIGG (Robert.) Experimental Researches, Chemical and Agricultural, showing Carbon to be a compound body made by plants, and decomposed by putrefaction. 8vo. <i>London</i> 1844.	The Author.
RONALDS (F.) and BLAIR (Alexander.) Sketches at Carnac in 1834, or Notes concerning the present state of some reputed Celtic Antiquities in that and the adjoining Communes, with a Postscript containing an account of the Great Roche aux Fées or Essé, &c. 4to. <i>London</i> 1836.	Francis Ronalds, Esq., F.R.S.
SABBATINI (M.) Della Verità e della Leggè.	The Author.
SCUDAMORE (Sir C.) A Medical Visit to Gräfenberg in 1843, for the purpose of investigating the merits of the Water Cure Treatment. 8vo. <i>London</i> 1843.	The Author.
SHAW (A.) An Account of Sir Charles Bell's Classification of the Nervous System. 8vo. <i>London</i> 1844.	The Author.
SMITH (W.) Dictionary of Greek and Roman Biography and Mythology, Parts 3, 4, 5. 8vo. <i>London</i> 1844.	The Editor.
SOLLY (Edward.) Experiments on the Inorganic Constituents of Plants. 4to. <i>London</i> 1844.	The Author.

PRESENTS.

DONORS.

SPRY (H.) Suggestions for the Improvement of the Agricultural and Commercial Resources of India. 8vo. <i>Calcutta</i> 1841.	The Directors of the East India Company.
STRUVE (M. W.) Table des Positions Géographiques principales de la Russie.	The Author.
————— Sur le Coefficient Constant dans l'Aberration des Étoiles Fixes.	—————
TAYLOR (John.) Poems. 8vo. <i>London</i> .	The Author.
THORNTON (Edward.) The History of the British Empire in India. Vol. V. 8vo. <i>London</i> 1844.	Messrs. W. H. Allen and Co.
TOYNBEE (Joseph.) Second Series of Observations on the Pathology of the Ear. 8vo. <i>London</i> 1844.	The Author.
TRAVERS (Benjamin.) The Physiology of Inflammation and the Healing Process. 8vo. <i>London</i> 1844.	The Author.
VENTURUCCI (Dottor G.) Sulla Rabbia comunicata. 8vo. <i>Firenze</i> 1843.	The Author.
VETCH (Capt.) Inquiry into the Means of establishing a Ship Navigation between the Mediterranean and the Red Sea. 8vo. <i>London</i> 1843.	The Author.
VIREY (J.) De la Physiologie dans ses Rapports avec la Philosophie. 8vo. <i>Paris</i> 1834.	The Author.
WALDHEIM (G. F. de.) Revue des Fossiles du Gouvernement de Moscou.	The Author.
WARTMANN (E.) Mémoire sur le Daltonisme. 4to. <i>Paris</i> 1844.	The Author.
WEBSTER (John.) Observations on the Admission of Medical Pupils to the Wards of Bethlem Hospital, for the purpose of studying Mental Diseases. 8vo. <i>London</i> 1842.	The Author.
WEDDLE (Thomas.) A New Simple and General Method of solving Numerical Equations of all Orders. 4to. <i>London</i> 1842.	The Author.
WELD (C. R.) The Statistical Companion to the Pocket Book, corrected to May 1844. 18mo. <i>London</i> .	The Author.
WERGELAND (H.) On the Impediments to Agricultural Improvements in Norway, and the Remedies proposed.	The Author.
WILSON (John.) The Parsi Religion as contained in the Zand Avastá. 8vo. <i>Bombay</i> 1843.	The Author.
WILLICH (C. M.) Annual Supplement to Tithe Commutation Tables, 1844. 8vo. <i>London</i> .	The Author.
YOUNG (J. R.) Researches on the Imaginary Roots of Equations. 8vo. <i>London</i> 1844.	The Author.